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W. E. DALLWIG
MILWAUKEE
WISCONSIN

Dallwig's Seed Book

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Dallwig's Lawn Grass

There is nothing which adds more to the external attractiveness of the home than a beautiful lawn. Anyone can have it. It will grow in the back yard of a city house as well as in the front. It will grow in the village as well as in the meadow or on the hillside. It is the world-wide covering of the earth, as beautiful as flowers, more durable, less costly, nature's own blanket over the rocky soil. Little trouble to prepare the soil to receive the seed, always a fair certainty of its growing, and when established a thing of beauty and a joy.

There exists no reason for unsightly or bare spots in yard or lawn, no reason except indifference to the beautiful. Put down grass seed wherever it is wanted, and you will be amply repaid in the satisfaction of having beautified your grounds.

The Lawn Grass Mixtures which we offer should not be compared with the cheaper preparations advertised. Our prescriptions are of the best chosen varieties as respects color, texture and permanency, and will, in the shortest time possible, produce a beautiful, dwarf, compact turf, which will endure the summer heat, and insure a rich, deep green sward throughout the season. In making up these mixtures, we are extremely careful to use only the very best quality seed, which has been thoroughly recleaned, the light seeds and chaff being removed, and only clean, heavy, pure seeds retained. Much low priced grass seed is always offered, but close examination will generally reveal the fact that this consists largely of chaff, or of the coarse growing, cheap varieties of grasses which are not adapted for fine lawns. Anyone who purchases cheap, badly mixed lawn grass will soon realize that it was a poor investment, as the error will stand out for years in glaring ugliness.

As it is always desirable to have a close, thick turf as soon as possible, it is best to use sufficient seed, as this will save much of the re-seeding so frequently required by not sowing closely enough in the first place. One pound will seed 400 square feet (20x20); 100 pounds should be sown to the acre. For renovating old lawns use half these quantities.

—**Dallwig's Lawn Grass Mixture.** This is our standard mixture, which will produce a satisfactory stand on soils of varying geological and physical condition.

—**Mixture for Shaded Places.** Is especially prepared for use in shaded places.

—**Deepwoods Mixture.** Deeply shaded places, produced by overhanging large trees, buildings, etc., are often difficult to keep in grass. This mixture will produce perfect swards in such locations. Too much shade creates sour soil, and to guard against this apply air-slaked lime at the rate of one bushel to each 1000 square feet about every three years. Frequent applications of bone meal or sheep manure are a great help in forming a thick, healthy growth of grass.

—**Mixture for Terraces and Embankments.** A special mixture of grasses best suited for sowing on terraces and side hills,—grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out, that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich green turf throughout the season.

| | 1lb | 5lb | 10lb | 25lb | 50lb | 100lb |
|-------------------------------------|-----|------|------|------|-------|-------|
| Dallwig's Lawn Grass Mixture..... | .40 | 1 75 | 3 40 | 8 25 | 16 00 | 31 00 |
| Mixture for Shaded Places..... | .40 | 1 85 | 3 50 | 8 50 | 16 50 | 32 00 |
| Deepwoods and Terrace Mixtures..... | .45 | 2 00 | 3 80 | 9 25 | 18 00 | 35 00 |



General Directions to Correspondents

Terms. Our terms are strictly cash with order. Our goods being of first quality, and very moderate in price, we must request our customers to ask no credit.

How to Send Money. We prefer that remittances be made by Postal Money Order or Express Money Order. Postage stamps in small amounts are taken as cash, but they must be sent so they will not stick together. If personal checks are sent, the cost of exchange should be added. Letters containing cash should always be registered.

Name and Address. Please remember to write very plainly your Name, Post Office, County and State; also give street number, P. O. Box, or rural route, if any; also nearest express office.

Forwarding. We prepay at our option (mail or express) all flower and vegetable seeds in packets and ounces. Where bought in quantities exceeding one ounce, and on all plants, bulbs, tools, etc., add postage at parcel post rates. All small packages of seeds, bulbs, and plants, weighing 8 ounces or less, can be sent at the special rate of 1 cent for each 2 ounces or fraction to all parts of the United States; over 8 ounces at zone rates. Seed orders over 5 pounds in weight going to the 5th zone and beyond, will travel more cheaply by express than by mail.

Prompt Delivery. We try to ship all orders the same or the next day after they are received, but during the busy season slight delays may sometimes occur; for these we ask your kind indulgence. It will greatly facilitate shipments if customers will send in their orders as soon as possible after receipt of catalog.

Plant and Tree Orders. All trees, shrubs, and hardy plants are shipped as soon as weather permits. Tender plants, for bedding, etc., are shipped after danger from frosts is past, usually after May 15th.

Packing. No charge is made for boxes or packing, except on trees and shrubs. We charge only for two-bushel cotton bags at cost, and if returned in good condition, free of expense, they will be credited as charged.

Non-Warranty. It is manifestly impracticable to guarantee results of any perishable article, especially one like seeds, for this would mean to guarantee all kinds of gardening, all kinds of weather, and all kinds of soil. Seeds of the best quality will sometimes fail, due to causes entirely beyond our control, such as: sowing too deep or too shallow, in too wet or too dry soil; insects destroying the plants as soon as, or before, they appear above the ground; cold or dry air checking the growth of young plants, or destroying them entirely. For all these reasons it is impossible to guarantee results, and, in common with all American seed houses, we must, therefore, disclaim all responsibility as to the results obtained from any stock we send out, as per the following non-warranty: We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Seeds, Bulbs, or Plants we send out and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms and conditions, they must be returned at once, and the money that has been paid for the same will be returned.

At the same time we hold ourselves in readiness, on proper proof to replace all seed that may prove untrue to name free of charge, or refund the amount paid, but it is mutually understood and agreed to between the purchaser and ourselves, that we shall in no case be liable for any sum greater than that originally received by us for said seeds.

Prices subject to change without notice.



Asparagus

| | Doz. | 100 | 1000 |
|---|------|------|-------|
| Bonvallet's Giant | .25 | 1.60 | 12.00 |
| Produces the highest quality of white asparagus, outclassing all others. Vigorous and healthy, remarkably rust-resisting. | | | |
| Columbian Mammoth White | .20 | 1.25 | 9.00 |
| Gives a large yield of clear white shoots. | | | |
| Conover's Colossal | .20 | 1.25 | 9.00 |
| A standard sort of deep green color; quality first class. | | | |

Beans

| | Pkt. | 1 lb. | 10 lbs. |
|--|------|-------|---------|
| Stringless Green Pod | .05 | .30 | 2.75 |
| Early and very prolific; long, round, straight, thick, meaty pods, of deep green color, and of superior flavor. Strictly stringless. | | | |
| Refugee, Extra Early | .05 | .30 | 2.75 |
| Very hardy, early and productive. 4 to 5 inches long, uniform, round, and slightly creasebacked, only slightly stringy, brittle and fine grained; quality good; color light green. | | | |
| Longfellow | .05 | .30 | 2.75 |
| Very handsome, nearly stringless, soft green pods, 6 to 7 inches long, straight and round, borne on very prolific vines. | | | |
| Refugee, Late or 1000 to 1 | .05 | .30 | 2.75 |
| Pods are round, green, waxy, absolutely stringless, and extra fine in flavor. The variety most largely used for pickling. | | | |
| Fordhook Bush Lima | .05 | .45 | 4.00 |
| Branches freely but with all the branches held upright. Plump, well-filled pods; tender, juicy and sweet. | | | |
| Broad Windsor | .05 | .45 | 4.00 |
| Esteemed as a shell bean. | | | |
| Improved Golden Wax | .05 | .30 | 2.75 |
| One of the earliest and best dwarf sorts; erect, compact, and very productive. Pods 4½ to 5 inches, nearly straight, flat, golden yellow, very fleshy and wax-like. | | | |
| Sure Crop Wax | .05 | .30 | 2.75 |
| An extra early, perfectly stringless, flat wax bean. Resembles Currie's Rust Proof, but is to be preferred to that variety because Sure Crop is stringless. The pods are long and of golden yellow color, which they assume while still very small. Hardy and very prolific; seed black. | | | |
| Stringless Kidney Wax | .05 | .35 | 3.00 |
| Erect, bushy habit, 18 to 20 inches high; pods rich creamy white, six to seven inches long, somewhat flattened but very thick and fleshy; stringless and of excellent quality. | | | |
| Wardwell's Kidney Wax | .05 | .30 | 2.75 |
| One of the best early wax beans. Almost entirely free from rust and nearly stringless. The pods are long and showy, tender, and of excellent quality, and assume a rich golden yellow color. | | | |
| Michigan White Wax | .05 | .30 | 2.75 |
| Briefly described this is a white seeded Golden Wax. The vine is a little larger, more robust and vigorous; foliage a little heavier. The light golden, comparatively broad pods are produced in great abundance, and are of uniform size and color. | | | |
| Davis Wax | .05 | .30 | 2.75 |
| The most hardy and productive wax bean. Pods long, white, straight, and of fair quality. The vine is rustless and very vigorous, bearing the pods in clusters. | | | |



Michigan White Wax Bean

Hodson Wax

| Pkt. | 1 lb. | 10 lbs. |
|------|-------|---------|
| .05 | .30 | 2.75 |

The plants are well loaded with long, straight, handsome pods, which somewhat resemble those of the Davis Wax, but are plumper, straighter, and longer. While not of the excellent quality of the Golden Wax or Wardwell Wax, this variety is very well adapted for market gardening purposes, on account of its productiveness and freedom from disease: late.



BEANS — Continued

| | Pkt. | 1 lb. | 10 lbs. |
|---|-------|-------|---------|
| Kentucky Wonder | .05 | .40 | 3.50 |
| An early, very prolific sort. The pods are medium light green, very long, frequently reaching 8 or 9 inches, curved and twisted, nearly round and very crisp. | | | |
| Kentucky Wonder Wax | .05 | .40 | 3.50 |
| A yellow podded Kentucky Wonder. | | | |
| Imported Giant Sword | | | |
| Bears long, wide, showy green pods in large clusters. | | | |
| Carpinteria Pole Lima | .05 | .40 | 3.50 |
| The most perfect pole lima. Vine strong, producing an abundance of fine large pods, usually closely filled with 4 beans of largest size, and much thicker than the average pole lima. | | | |
| Scarlet Runner | .05 | .40 | 3.50 |
| Mostly used as an ornamental climber, but is edible and can be used green or as a shell bean. | | | |

Mangel Wurzel

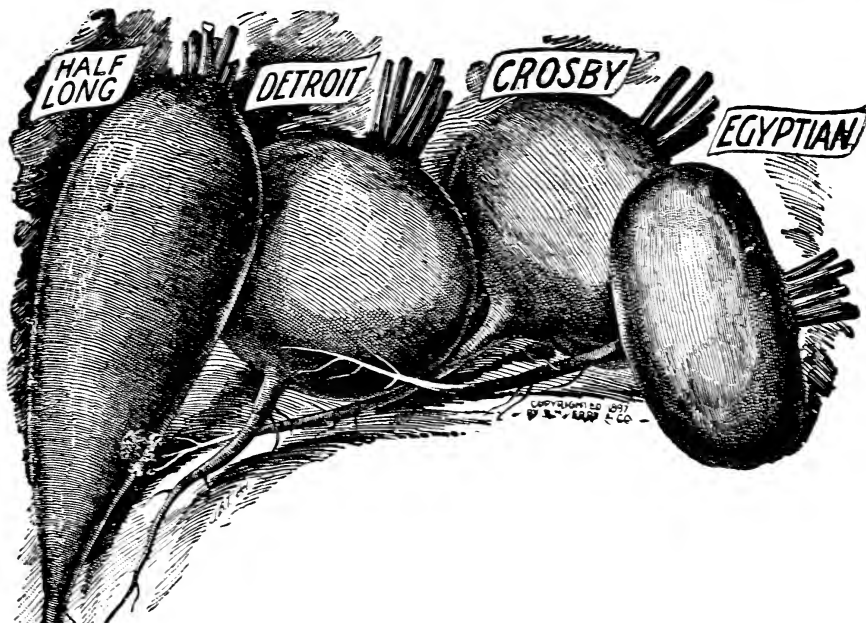
| | Oz. | $\frac{1}{4}$ lb. | lb. |
|--|-----|-------------------|-----|
| Improved Mammoth Long Red | .10 | .25 | .75 |
| The largest and most productive of all long red sorts. | | | |
| Golden Tankard | .10 | .25 | .75 |
| Large ovoid; flesh yellow zoned with white. | | | |
| Danish Sludstrup | .10 | .25 | .75 |
| A long, reddish-yellow, ovoid root, growing more than half above ground; easily harvested, and by actual test far excels any other variety in feeding value. | | | |

Sugar Beets

| | | | |
|--|-----|-----|-----|
| Klein Wanzleben | .10 | .25 | .75 |
| This is the variety which analytical chemists of beet sugar factories have united in recommending as possessing the highest sugar-producing qualities. | | | |
| Giant Feeding Sugar Beet or Half Sugar Mangel | .10 | .25 | .75 |
| While giving nearly as large a yield of easily grown and harvested roots as a crop of mangels, supplies a food of very much higher nutritive value. | | | |

Beets

| | | | |
|--|-----|-----|-----|
| Extra Early Egyptian | .05 | .15 | .40 |
| Excellent for first early crop. Flesh dark red, zoned with a lighter shade; moderately thick, a little rounded on top, flat underneath. | | | |
| Crosby's Egyptian | .05 | .15 | .40 |
| A selection from Extra Early Egyptian retaining the earliness of the parent stock and having added thickness, giving it a more handsome shape. Very small tap root, deep rich color, splendid quality and very rapid growth. Much in demand by Market gardeners for forcing. | | | |
| Early Wonder | .05 | .20 | .50 |
| A new beet as early as Crosby's Egyptian, more nearly globe-shaped, with very slim tap root. Color an unusually deep rich blood crimson. | | | |

**BEETS—Continued**

| | Pkt. | oz. | $\frac{1}{4}$ lb. |
|---|------|-----|-------------------|
| Detroit Dark Red | .05 | .20 | .50 |
| Its small, upright growing tops, early maturing, and the splendid shape and color of the roots make it popular with everyone. Roots globular or ovoid, and very smooth; color of skin dark blood-red; flesh deep vermillion-red, zoned darker; very tender, crisp and sweet, and remains so for a long time. Our strain of this splendid beet is the finest and truest to be had. | | | |
| Chicago Market | .05 | .15 | .40 |
| A most perfect dark blood-red kind: even the leaves are of the darkest glossy red, almost black. | | | |
| Half Long Blood | .05 | .15 | .40 |
| Splendid winter sort, rich dark red, very sweet and tender. | | | |

Swiss Chard

| | | | |
|---|-----|-----|-----|
| Zurich | .05 | .15 | .50 |
| Yellowish-green, fine curled. | | | |
| Giant Lucullus | .05 | .15 | .50 |
| A moss curled, yellowish-green sort with very large leaves. | | | |

Chervil

| | | | |
|--------------------------------------|-----|-----|-----|
| Curled | .05 | .20 | .60 |
| Used for flavoring soups and salads. | | | |



Brussels Sprouts

| | Pkt. | oz. | ¼ lb. |
|--|------|-----|-------|
| Amager Market | .05 | .25 | .75 |
| Produces a great number of large, compact sprouts, of uniform size, all maturing at about the same time. | | | |

Cabbage

| | | | |
|---|-----|-----|------|
| Select Early Jersey Wakefield | .05 | .30 | 1.00 |
| The earliest and hardest heading of extra early cabbages. | | | |
| Copenhagen Market | .10 | .40 | 1.25 |
| Without a rival as the finest large, round headed, early cabbage. | | | |
| Glory of Enkhuizen | .10 | .40 | 1.25 |
| Early, very large, solid, round heads. Very desirable. | | | |
| Select Hollander | .10 | .50 | 1.50 |
| Very solid, stands shipping well, and is one of the very best keepers. We have given a great deal of attention to this variety, and offer seed which we believe will produce a crop of more uniformly typical heads than any other. | | | |
| Flat Dutch | .05 | .30 | 1.00 |
| Standard large, late, flat variety. | | | |
| Pe-Tsai | .05 | .30 | 1.00 |
| Improved Chinese Cabbage or Celery Cabbage. | | | |



Cabbage, Copenhagen Market



Red Cabbage

| | Pkt. | oz. | $\frac{1}{4}$ lb. |
|--|------|-----|-------------------|
| Dallwig's Early Dark Red | .10 | .50 | 1.50 |
| By far the best medium-sized and surest heading early red Cabbage. Color a deep rich red. | | | |
| Danish Stonehead | .10 | .50 | 1.50 |
| Not so large as Mammoth Rock Red, but more solid and compact. The heads do not crack, remaining hard and sound until late spring. The color is a rich, dark red. | | | |
| Mammoth Rock Red | .10 | .50 | 1.50 |
| Large, round, very solid, and of attractive dark red color. | | | |

Savoy Cabbage

| | | | |
|---|-----|-----|------|
| Early Dwarf Green Ulm | .05 | .50 | 1.50 |
| Leaves small, thick, fleshy, fine deep green; of excellent quality. | | | |
| Blumenthaler | .05 | .50 | 1.50 |
| Early yellow curled. | | | |
| Des Vertus | .05 | .50 | 1.50 |
| Best of the late savoy. Large and showy, heavily curled green. | | | |

Cauliflower

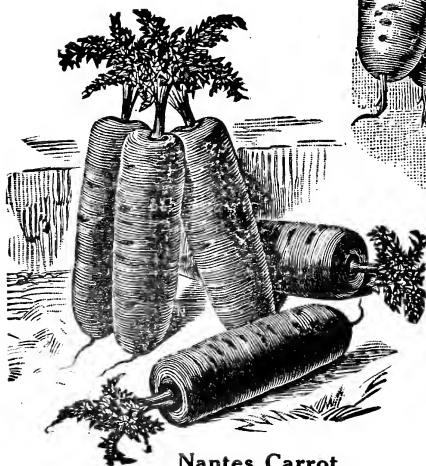
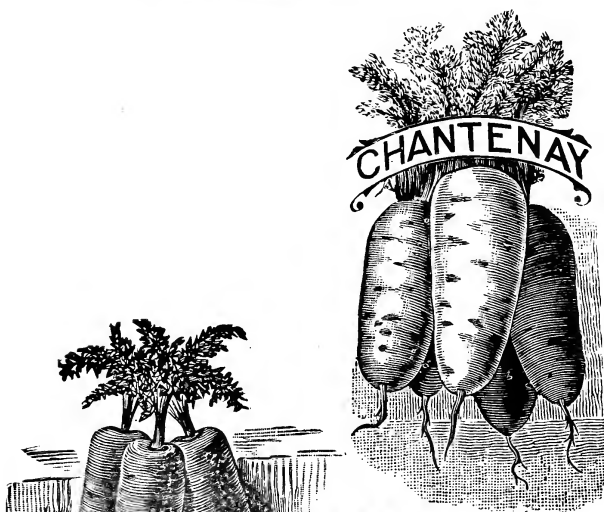
| | Pkt. | $\frac{1}{8}$ oz. | $\frac{1}{4}$ oz. |
|--|------|-------------------|-------------------|
| Haage's Earliest Dwarf | .25 | .85 | 1.50 |
| For first forcing it has never had an equal. It is exceedingly early and hardy, and is the surest to make a solid, compact, large, pure white head, as it is remarkably drought and heat resisting. During the many years we have sold this splendid variety to hundreds of critical market gardeners it has given uniformly the best results. | | | |
| Extra Early Dwarf Erfurt | .10 | .60 | 1.00 |
| An exceptional strain of cauliflower for early outdoor planting and forcing, which should not be confounded with entirely different sorts offered under the name 'Erfurt.' In size, compactness and color it is ideal for market. Very solid with a perfectly white core. | | | |
| Early Snowball | .10 | .60 | 1.00 |
| Snow-white heads, 6 to 10 inches in diameter; of dwarf, close-growing habit; excellent for both early and late planting. | | | |
| Danish Perfection | .10 | .60 | 1.00 |
| Shows unusual uniformity in maturing, the crops being taken off clean at practically the first cutting. The leaves, very closely enfolding the head, with the inner leaves almost covering the snow-white flower do away with the necessity of early tying up, as with other sorts. | | | |

Chicory

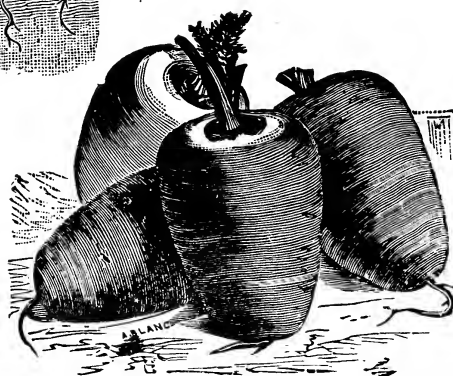
| | Pkt. | oz. | $\frac{1}{4}$ lb. |
|---|------|-----|-------------------|
| Witloof | .05 | .30 | 1.00 |
| The plants form long parsnip-shaped roots; the roots are forced and the new growth of lettuce-like leaves are cut and served as a salad. Full directions for planting and care with each order. | | | |

Cress

| | | | |
|---|-----|-----|-----|
| Curled, or Pepper Grass | .05 | .10 | .30 |
| This small salad is much used with lettuce, to which its warm, pungent taste makes a most agreeable addition. | | | |



Nantes Carrot



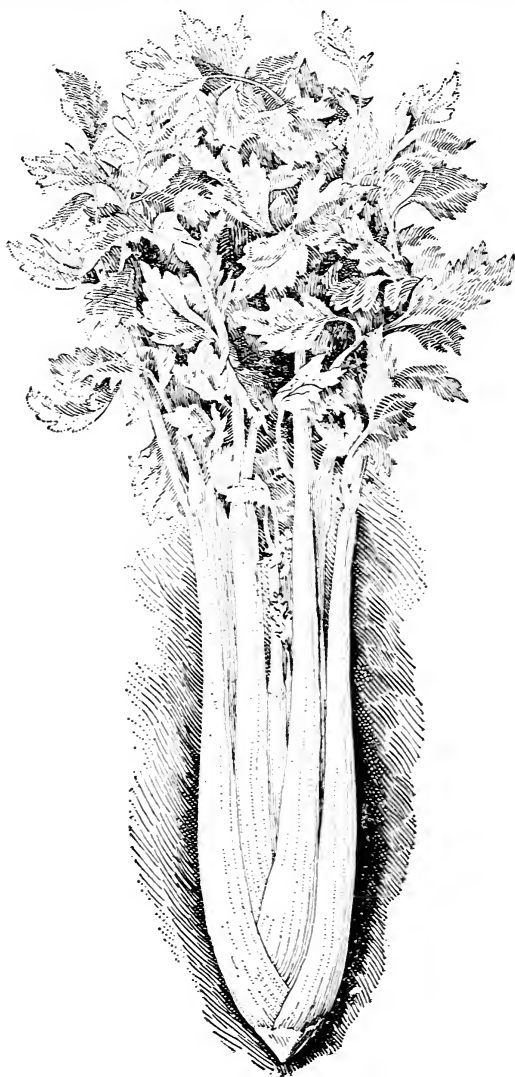
OX HEART CARROT.

Carrots

| | Pkt. | oz. | $\frac{1}{4}$ lb. |
|--|------|-----|-------------------|
| Half Long Scarlet Nantes | .05 | .15 | .50 |
| Roots 6 inches long, almost cylindrical, bright orange, without any distinct core. | | | |
| Select Chantenay | .05 | .15 | .50 |
| The best bunching carrot. About 6 inches long, stump rooted, very smooth, deep orange, fine grained, sweet and sugary. | | | |
| Oxheart or Guerande | .05 | .15 | .50 |
| 4½ to 5 inches long, very thick at the top, ending abruptly in a small tap root; bright orange. | | | |
| Select Danvers Half Long | .05 | .15 | .50 |
| Excellent medium early, half long, deep orange. | | | |

Celeriac

| | | | |
|--|-----|-----|------|
| Large Smooth Prague | .05 | .35 | 1.00 |
| Produces large, smooth, almost globe shaped bulbs, with very few side roots; flavor and quality excellent. | | | |
| Delicatess | .10 | .60 | 2.00 |
| Produces smooth, oval shaped roots, without side roots. Flesh snow-white and tender; never rusts. | | | |



Celery

| | Pkt. | oz. | $\frac{1}{4}$ lb. |
|---|------|-----|-------------------|
| Golden Self Blanching | .10 | .60 | 2.00 |
| Its handsome color, crispness, tenderness, and fine flavor have established it as a superior first early sort. | | | |
| Columbia | .10 | .50 | 1.50 |
| An early maturing sort of unsurpassed quality. The color has in it much of the rich yellow tint of the Golden Self Blanching. | | | |



CELERY—Continued

| | Pkt. | oz. | ¼ lb. |
|---|------|-----|-------|
| White Plume | .05 | .30 | .85 |
| Light green at base, shading nearly white at tips. | | | |
| Evans' Triumph | .05 | .25 | .75 |
| Large, white, crisp, brittle, tender, and fine flavored late. | | | |

Corn

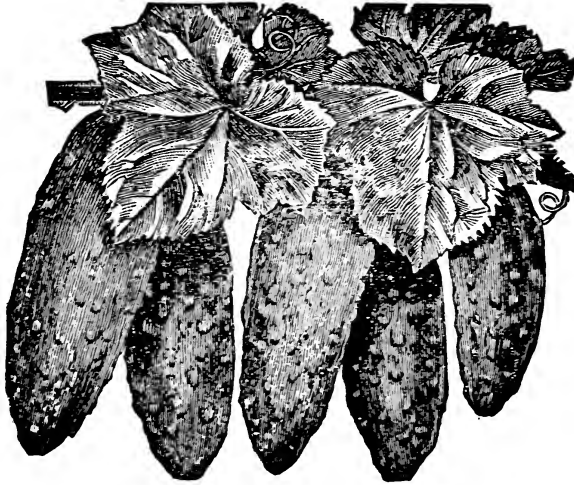
| | Pkt. | 1 lb. | 10 lbs. |
|--|------|-------|---------|
| Whipple's Early | .05 | .40 | 3.00 |
| The ears are from 7 to 8 inches long and very large around, having from 16 to 20 rows of good sized kernels and each ear is filled to the tip. The ears look like Evergreen of a fine strain yet they mature from 2 to 3 weeks earlier than that variety. The ears are so large and handsome, the quality so fine and the yield so heavy that together with its earliness it will be a most important market variety. | | | |
| Mammoth White Cory | .05 | .30 | 2.50 |
| The ears are very large for so early a variety; the grain is large, broad, very white, and of remarkably good quality. | | | |
| Golden Bantam | .05 | .30 | 2.50 |
| Golden yellow, unusually sweet, and very early. Dwarf and sturdy, ears 5 to 6 inches long. | | | |
| Charlevoix | .05 | .30 | 2.75 |
| An early or intermediate, yellow grained sweet corn of distinctive merit. Ears about seven inches long, usually twelve rowed and when in condition for use are light creamy yellow in color. The grain is rather short, very sweet and tender and is unsurpassed in quality. In season it is a few days later than Golden Bantam, but remains in condition much longer than that variety. An excellent sort both for the home and the market garden. | | | |
| Bantam Evergreen | .05 | .30 | 2.50 |
| Rich golden yellow color; a little larger and a little later than Golden Bantam. | | | |
| Black Mexican | .05 | .30 | 2.50 |
| White when young, ripe grain bluish-black. Best second early where tenderness and sweetness are qualities most desired. | | | |
| Avon Evergreen | .05 | .30 | 2.50 |
| As compared with Stowell's Evergreen it is a trifle earlier, of superior quality, with a longer ear and thicker kernel. | | | |
| Country Gentleman | .05 | .30 | 2.50 |
| Ears 7 to 8 inches long, with long, slender, white grains; very fine quality. | | | |
| Stowell's Evergreen | .05 | .30 | 2.50 |
| The standard and most popular late sort; remarkably prolific; excellent for market. | | | |

Corn Salad

| | Pkt. | oz. | ¼ lb. |
|---|------|-----|-------|
| Broad Leaved | .05 | .15 | .50 |
| Used as a small salad throughout winter and spring. | | | |

Egg Plant

| | Pkt. | oz. | ¼ lb. |
|--|------|-----|-------|
| Improved Large Purple | .10 | .60 | 2.00 |
| Nearly round, high-colored, and vine is thornless. | | | |



Cucumber, Chicago Pickling

Cucumbers

| | Pkt. | oz. | $\frac{1}{4}$ lb. |
|--|------|-----|-------------------|
| Chicago Pickling | .05 | .15 | .40 |
| Of medium size, pointed at both ends: just the right shape and size for pickles. | | | |
| Jersey Pickling | .05 | .15 | .40 |
| Forms a long, slender, cylindrical pickle: for pickling or slicing. | | | |
| Improved Early White Spine | .05 | .15 | .40 |
| Produces an early crop of crisp, tender, well-flavored cucumbers of light green color. | | | |
| Early Fortune | .05 | .15 | .50 |
| The finest type of White Spine. Early, very productive, disease resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds: color rich, dark green, which does not fade. | | | |
| Extra Long, or Evergreen White Spine | .05 | .15 | .40 |
| Long, cylindrical, dark green, with white, crisp, tender flesh. | | | |
| Davis Perfect | .05 | .15 | .40 |
| Of the extra long white spine type. Combines length, slimness, and dark green color. | | | |
| Nichol's Medium Green | .05 | .15 | .40 |
| Is always straight and smooth, dark green, tender and crisp. Largely grown for pickle manufacturers for dill pickles. | | | |
| Improved Long Green | .05 | .20 | .60 |
| Selected strain. The fruits are twelve inches long, firm, crisp, and have a distinctive, fine flavor. | | | |
| Giant Pera | .05 | .15 | .50 |
| The fruits are very thick through, from 15 to 18 inches long when matured. Best variety for sweet pickles. | | | |
| Japanese Climbing | .05 | .15 | .50 |
| A trellis variety used for shade as well as eating purposes. | | | |



Endive

| | Pkt. | oz. | ¼ lb. |
|--|------|-----|-------|
| Dallwig's Yellow Curled..... | .05 | .20 | .60 |
| A very beautiful sort, the leaves very light colored. | | | |
| Yellow Broad Leaved..... | .05 | .20 | .60 |
| Dallwig's Green Curled..... | .05 | .20 | .60 |
| Leaves beautifully cut and curled, easily blanched, and become very crisp, tender and fine flavored. | | | |

Garlic

| | |
|---|--------------|
| Bavarian | Market Price |
| Larger than ordinary garlic, keeps longer and is snowy white. | |

Herbs

| | | | |
|---|-----|-----|------|
| Anis. For garnishing, seasoning and cordials..... | .05 | .20 | .60 |
| Asperula Odorata. (Waldmeister) Flavoring May wine..... | .10 | ... | ... |
| Basil, Sweet. Flavoring soups and sauces..... | .05 | .25 | .75 |
| Borage. Used as a salad..... | .05 | .20 | .60 |
| Caraway. Used to flavor liquors, bread, etc..... | .05 | .10 | .30 |
| Chamomkle. Used for tea..... | .10 | ... | ... |
| Chervil. For garnishing and flavoring..... | .05 | .20 | .60 |
| Coriander. Seeds used in confectionery..... | .05 | ... | ... |
| Dill. For flavoring pickled cucumbers..... | .05 | .15 | .40 |
| Fennel. Sweet. Seeds used for tea, leaves for garnishing... | .05 | .15 | .50 |
| Lavender. Flowers used in manufacture of perfume..... | .05 | .40 | ... |
| Marjoram, Sweet. Used green or dried for flavoring..... | .05 | .40 | 1.25 |
| Peppermint. For flavoring; also essence of Peppermint.... | ... | ... | ... |
| Pimpinelle. Used as a salad; flavor like cucumbers..... | ... | ... | ... |
| Poppy. White or blue seeded; used in baking..... | ... | ... | ... |
| Rosemary. Leaves used for seasoning..... | .10 | .60 | ... |
| Saffron. For medicine and coloring..... | ... | ... | ... |
| Sage. Used extensively for flavoring and dressing..... | .05 | ... | ... |
| Savory, Summer. Used for flavoring, especially beans..... | .05 | .30 | 1.00 |
| Sorrel. Esteemed as a salad..... | .05 | .20 | .60 |
| Tarragon. Leaves highly esteemed for seasoning..... | .10 | ... | ... |
| Thyme. For seasoning and dressing..... | .10 | .60 | ... |
| Wormwood. Used as a tonic and dressing for bruises..... | .05 | .35 | ... |

Horse Radish

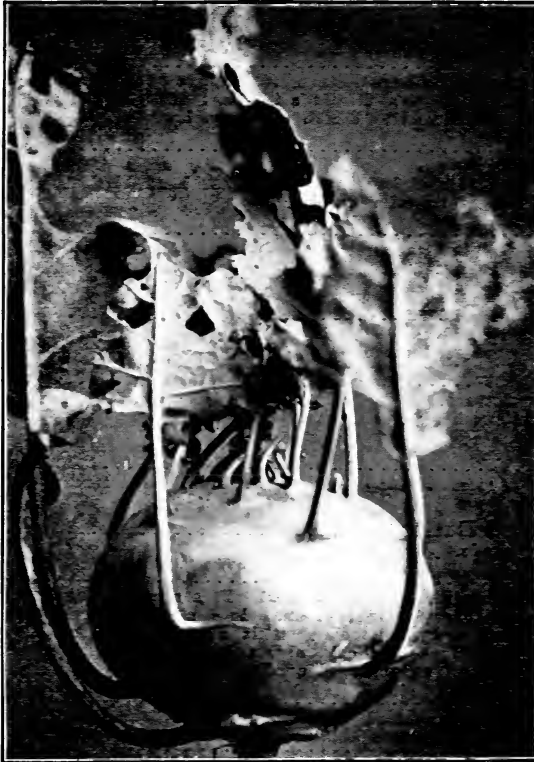
| | Doz. | 100 | 1000. |
|--------------------------------|------|------|-------|
| Bohemian, or Maliner Kren..... | .15 | 1.00 | 9.00 |

Kale

| | Pkt. | oz. | ¼ lb. |
|---|------|-----|-------|
| Dallwig's Dwarf Green Curled..... | .05 | .20 | .60 |
| Low and compact, with large leaves curled, cut and crimped until the whole plant resembles a bunch of moss. | | | |

Leek

| | | | |
|---|-----|-----|------|
| Giant Carentan | .05 | .30 | 1.00 |
| A mammoth growing variety, very white and tender. | | | |



Star of the Market Kohlrabi

Kohlrabi

| | Pkt. | oz. | $\frac{1}{4}$ lb. |
|--|------|-----|-------------------|
| Dallwig's Star of the Market | .05 | .40 | 1.25 |
| Much superior to Vienna. It is very early, and is the best for forcing as well as for outdoor culture. Bulb smooth, greenish-white, of finest texture and quality; favorite market gardener variety. | | | |
| Dallwig's Purple Star of the Market | .05 | .40 | 1.25 |
| Similar to White Star except as to color. | | | |
| Select Early White Vienna | .05 | .30 | 1.00 |
| A selected strain, for forcing or outdoor culture. Early, with small tops; bulb very light green or nearly white. | | | |
| Early Purple Vienna | .05 | .30 | 1.00 |
| Similar to the White Vienna except as to color. | | | |
| Improved Giant White | .05 | .30 | 1.00 |
| Very large but tender late white. | | | |
| Improved Giant Purple | .10 | .50 | 1.50 |
| A purple type of the above. | | | |



Lettuce

| | Pkt. | oz. | ¼ lb. |
|--|------|-----|-------|
| Re-select May King | .05 | .15 | .50 |
| The best all-around early outdoor lettuce, resisting cold and wet weather to a remarkable degree. Forms solid head of light green color, the inner leaves blanched to a rich golden yellow. | | | |
| Wayahead | .05 | .15 | .50 |
| A very early, handsome, sure-heading variety; the outer leaves are light green, crumpled and blistered; the inner head blanches a rich buttery yellow; of superior quality. | | | |
| All Seasons | .05 | .15 | .50 |
| Large, handsome. solid head; leaves grayish-green, never spotted or brownish, the inner ones beautifully blanched. A sure header, slow to run to seed. | | | |
| Select Stubborn Headed Brown | .05 | .20 | .60 |
| Bright brown, interspersed very strikingly with bright green in less exposed or in depressed parts. | | | |
| Stubborn Headed Yellow | .05 | .20 | .60 |
| A large, handsome lettuce, equally suitable for forcing or open ground. Lively yellowish green color, crisp, and tender. Very resistant to drought. | | | |
| Iceberg | .05 | .15 | .50 |
| Large curled heads of great solidity; heart yellow, crisp and tender even in hot weather. | | | |
| Mammoth Black Seeded Butter | .05 | .15 | .50 |
| Large, solid yellow heads. | | | |
| Select Big Boston | .05 | .15 | .50 |
| Superior to ordinary strains of Big Boston. Plants very large, hardy and vigorous. Color a light green, edges slightly tinged with reddish brown. For spring seeding it is not desirable, but in the fall, under the influence of cold nights, it forms a tightly folded, firm, heavy head of unsurpassed quality. | | | |
| Golden Spotted Trout | | | |
| Golden yellow, beautifully spotted brown. | | | |
| Select Black Seeded Simpson | .05 | .15 | .50 |
| The fine, crumpled, green, beautifully frilled leaves add splendid appearance to excellent quality. An all-around lettuce,—under glass, in cold frames, or open ground. | | | |
| Prizehead | .05 | .15 | .50 |
| A large, clustering, non-heading lettuce, most excellent for the home garden. The leaves are finely curled and crumpled, bright green tinged with brownish red, and are very crisp, tender and sweet. | | | |
| Earliest Cutting | | | |
| Medium sized, early variety for cutting; keeps on growing. | | | |
| Express Cos | .05 | .15 | .50 |

Water Melon

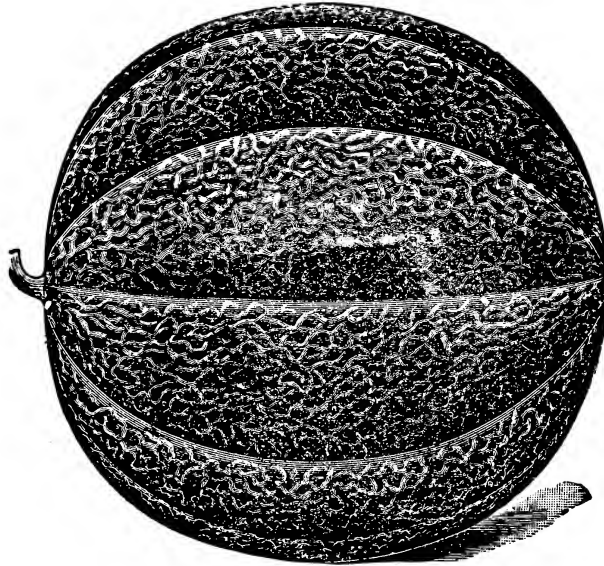
| | | | |
|---|-----|-----|-----|
| Cole's Early | .05 | .10 | .30 |
| One of the earliest and best; medium size, nearly round; flesh deep pink. | | | |
| Sweet Heart | .05 | .10 | .30 |
| Large oval, very heavy; bright red, melting and sweet. | | | |
| Preserving Citron | .05 | .10 | .30 |
| A round melon used for preserving. | | | |

**Select Grand Rapids Lettuce**

| | Pkt. | oz. | $\frac{1}{4}$ lb. |
|--|------|-----|-------------------|
| Select Grand Rapids | .05 | .15 | .50 |
| The best sort for under glass. Stands more neglect in watering and ventilation, will grow more weight on the same ground, and will stand longer after matured than any other variety. The seed we offer is very carefully selected, to meet the requirements of critical greenhouse men. | | | |

Mustard

| | | | |
|---|-----|-----|-----|
| Southern Giant Curled | .05 | .10 | .25 |
| The leaves are large, light green with a tinge of yellow, much crimped and frilled. | | | |



Milwaukee Market Melon

Musk Melon

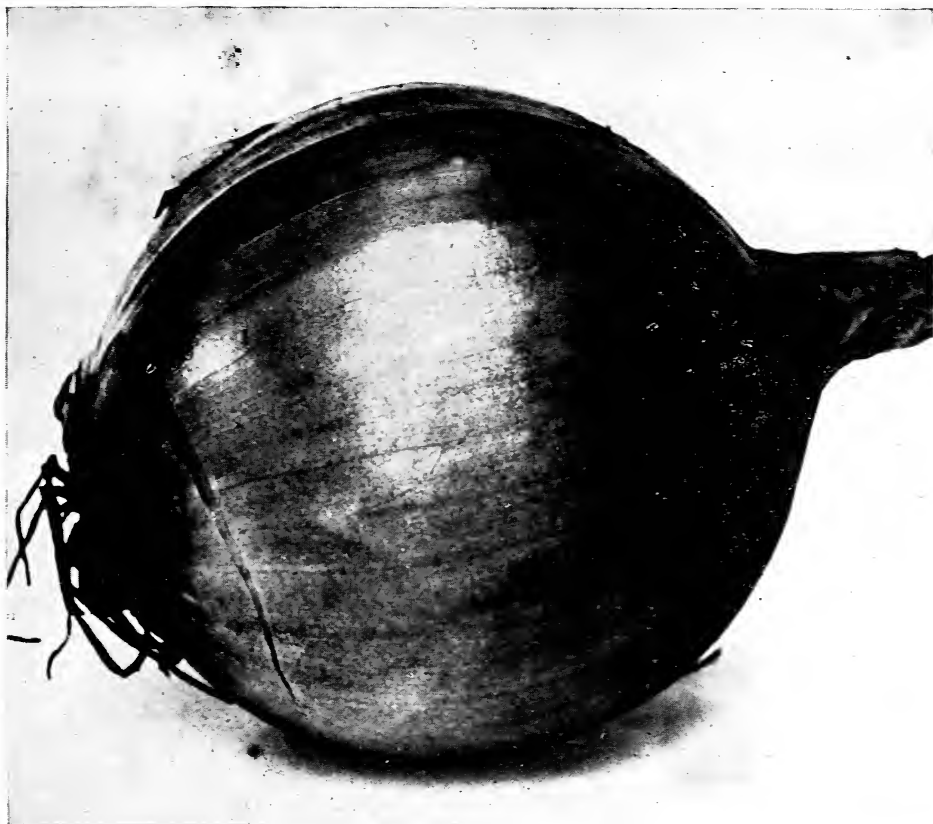
| | Pkt. | oz. | ¼ lb. |
|--|------|-----|-------|
| Rocky Ford, or Netted Gem | .05 | .15 | .40 |
| Oval, slightly ribbed, and densely covered with fine netting. Flesh green, very sweet, and highly flavored. | | | |
| Extra Early Hackensack | .05 | .15 | .40 |
| Very early, large and flattened, densely covered with coarse netting. Green flesh, thick and of excellent flavor. | | | |
| Osage, or Miller's Cream | .05 | .15 | .40 |
| Medium to large, oval, dark green, slightly ribbed, and partly covered with shallow gray netting. Flesh rich orange-salmon, very thick, fine grained and highly flavored. | | | |
| Milwaukee Market | .05 | .20 | .60 |
| Light green in color, nearly round with only slight sutures, flesh salmon color, wonderfully sweet, with almost no stringiness. | | | |
| Irondequoit | .05 | .20 | .60 |
| Of the Tip Top and Milwaukee Market type. Flesh much thicker than Tip Top, of deep salmon color and delicious flavor. Superior to Milwaukee Market in as far as it is not so apt to crack. | | | |

Mushroom Spawn

| | Brick | 10 Br. | 25 Br. |
|---|-------|--------|--------|
| Pure Culture Spawn | .30 | 2.70 | 6.00 |
| We offer the cream white variety, which is hardy and very productive. | | | |

Okra

| | Pkt. | oz. | ¼ lb. |
|---|------|-----|-------|
| White Velvet | .05 | .16 | .30 |
| The pods are white, long, smooth, and tender. | | | |



Onion, Michigan Yellow Globe

Onion

| | Pkt. | oz. | $\frac{1}{4}$ lb. |
|--|------|-----|-------------------|
| Southport Red Globe | .05 | .30 | .90 |
| The exact counterpart of Southport Yellow Globe in shape, finely bred neck, handsome appearance, etc. Beautiful rich crimson color. | | | |
| Southport Yellow Globe | .05 | .30 | .90 |
| We have an unequalled strain of this variety. The bulbs are a true deep globe, having a small neck and a heavy, thick skin. | | | |
| Michigan Yellow Globe | .05 | .30 | .90 |
| The bulbs are large and uniformly spherical, with very small necks; of rich orange-yellow color; enormous yielders and splendid keepers. No onion grower can afford to plant inferior seed, when such as this can be procured. | | | |



ONION- Continued

| | Pkt. | oz. | ¼ lb. |
|--|------|-----|-------|
| Mammoth Yellow Prizetaker | .05 | .30 | .90 |
| Of the largest size and nearly globular in form; one of the best of the large sorts. | | | |
| Ailsa Craig | .10 | .50 | 1.50 |
| Very handsome oval shaped variety with pale straw-colored skin. To attain largest size it should be sown early in hotbed and later transplanted. For exhibition purposes it is unexcelled. | | | |
| Southport White Globe | .05 | .30 | .90 |
| We have a splendid type of Southport White Globe, a perfect globe in form, with a thin, delicate skin of purest paper whiteness. | | | |
| White Portugal, or Silverskin | .05 | .30 | .90 |
| One of the leading white sorts, largely used for sets on account of its fine shape and good keeping qualities. It is also extensively used as a pickling onion, and also for early bunching or "green onions." | | | |
| White Barletta | .05 | .35 | 1.00 |
| An early, small, round, hard pickling or bunching variety with opaque white skin. | | | |
| White Welsh | .05 | .35 | 1.00 |
| For green onions. Does not form a bulb, but is one of the best for "green onions;" perennial. | | | |

Parsley

| | | | |
|--|-----|-----|-----|
| Champion Moss Curled | .05 | .15 | .50 |
| Dwarf, compact habit, the exquisite curl of the leaves giving it a very attractive crested appearance. | | | |
| Turnip Rooted | .05 | .15 | .50 |
| Our strain is the short thick variety, which is much superior to the long types. | | | |

Parsnip

| | | | |
|---|-----|-----|-----|
| Intermediate | .05 | .15 | .40 |
| A wedge-shaped variety, broad at the shoulder, easily harvested; heavy cropper. | | | |

Pepper

| | | | |
|--|-----|-----|------|
| Long Red Cayenne | .10 | .50 | 1.50 |
| Long, slender, bright red, very hot and pungent. | | | |
| Large Bell, or Bull Nose | .10 | .50 | 1.50 |
| Large, with thick, mild flesh; deep green when young, bright crimson when ripe. | | | |
| Giant Crimson | .10 | .60 | 2.00 |
| Rich deep crimson when mature; flesh very mild and exceptionally thick. We consider this the most desirable very large pepper. | | | |
| Pimiento | .10 | .50 | 1.50 |
| A very thick fleshed, heart-shaped, mild, crimson variety. | | | |

Pumpkin

| | | | |
|---|-----|-----|-----|
| Sugar Pie | .05 | .15 | .35 |
| Small, but very sweet, fine grained, and of the best quality. | | | |
| Connecticut Field | .05 | .10 | .25 |
| Unrivalled for stock feeding; produces wonderfully well. | | | |



Peas

| | Pkt. | 1 lb. | 10 lbs |
|--|------|-------|--------|
| Peter Pan | .05 | .35 | 3.25 |
| One of the very finest of the large podded, dwarf peas, on the order of Laxtonian, though somewhat earlier. Height 15 inches. Vine and foliage stout, heavy and dark green; pods 3 3/4 inches long, very broad, straight and pointed, containing 6 to 8 very large, dark green peas of superb quality. | | | |
| Laxtonian | .05 | .35 | 3.25 |
| 15 to 18 inches high. The very large size and dark green color of the pod commend this variety particularly to market gardeners. | | | |
| Gradus | .05 | .35 | 3.25 |
| 2 1/2 feet. Combines quality and size in a pea of extreme earliness. | | | |
| Pioneer | .05 | .35 | 3.25 |
| The dwarf, vigorous vines average 15 inches high and carry really enormous crops of large, deep bluish-green pods, 4 inches long, and tightly packed with 6 to 8 extra large deep bluish-green peas. | | | |
| Little Marvel | .05 | .35 | 3.25 |
| The pods are completely filled almost to bursting with luscious, sugary peas, borne on vines only 14 inches high. | | | |
| Thomas Laxton | .05 | .35 | 3.25 |
| 2 1/2 feet. Of darker color and more hardy than Gradus. | | | |
| Improved Telephone, or Alderman | .05 | .35 | 3.25 |
| 4 feet. Market gardeners are demanding the large podded, dark colored sorts which retain their fine appearance even after shipping a long distance. The Alderman answers these requirements and furthermore is the most productive variety of this class. | | | |

EDIBLE POD PEAS

| | | | |
|--|-----|-----|-----|
| Improved Early Giant Sword Pole | | | |
| 4 to 5 feet. Very productive with enormous pods, which are thick, tender, fleshy, and sweet. | | | |
| Fuerst Bismarck | | | |
| Dwarf, 18 inches, of large size and excellent quality. | | | |
| Mammoth Melting Sugar | .05 | .40 | ... |
| 4 feet. The pods average 5 to 6 inches long, and 1 1/2 inches wide. | | | |

Peanuts

| | Oz. | 1 1/2 lb. | lb. |
|-------------------------------|-----|-----------|-----|
| Mammoth Virginia | ... | .10 | .30 |

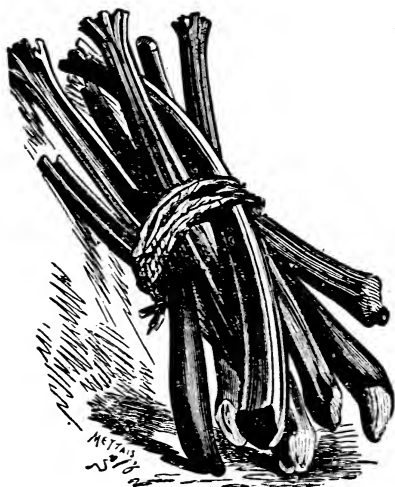
Potato

Ask for Pri

| | |
|--|--|
| Extra Early Ohio | |
| A special favorite with market men: tubers round to oblong in shape, pink skinned, and extremely early. | |
| White Ohio | |
| Identical with the old Ohio, except in color, which is a fine white. | |
| Irish Cobbler | |
| Undoubtedly the best extra early white potato; tubers nearly round, uniformly smooth; flesh white and mealy. | |
| Rural New Yorker | |
| Few and shallow eyes, pure white flesh, immense yielders. | |



Gradus Peas



Rhubarb



Salsify

| | Pkt. | oz. | ¼ lb. |
|---|------|-----|-------|
| Rhubarb | | | |
| Victoria | .05 | .20 | .50 |
| Leaf stalks very tall and large; skin thick and red-stained; pulp quite acid. | | | |
| Rutabaga | | | |
| Improved American Purple Top..... | .05 | .10 | .30 |
| The flesh is firm and rich yellow in color, with a most delicious flavor. | | | |
| Salsify | | | |
| Mammoth Sandwich Island..... | .05 | .25 | .80 |
| Scorzonera | | | |
| Improved Giant Scorzonera, or Black Salsify..... | .05 | .35 | 1.50 |
| Sorrel | | | |
| Large Leaved | .05 | .20 | .60 |
| Cultivated for its leaves which are boiled like spinach and also used for soup. | | | |
| Sunflower | | | |
| Mammoth Russian | ... | .10 | .25 |

**Scarlet Globe Radish****Radish**

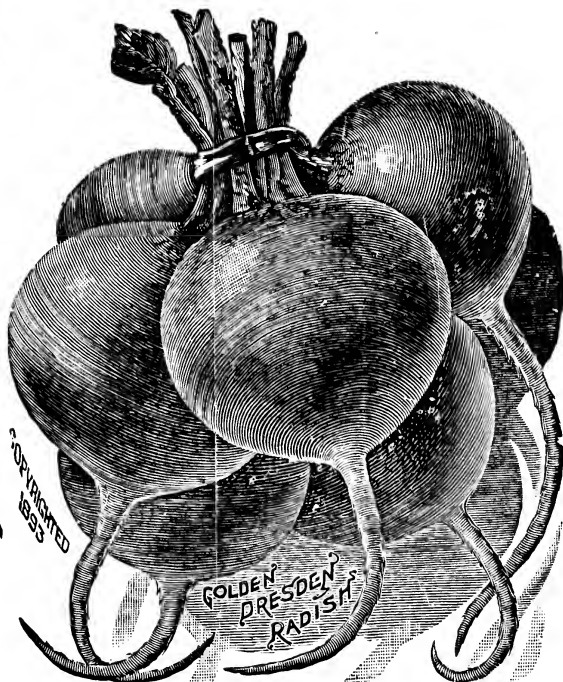
| | Pkt. | oz. | ¼ lb. |
|---|------|-----|-------|
| Early Scarlet Globe, Selected Stock | .05 | .20 | .60 |
| A small, round, turnip-shaped radish of bright scarlet color, with small top. Our stock of this important variety is the very best, selected with special care as to shape, size, color, short top, and earliness. We number many critical greenhouse growers among our steady customers for this strain. | | | |
| Twenty Day | .05 | .15 | .50 |
| Flesh pure white and crisp; skin bright scarlet; very short leaved; form slightly elongated or cone shaped. | | | |
| Crimson Giant | .05 | .15 | .50 |
| Extremely large but never pithy. One of the best for outdoors. | | | |
| Icicle | .05 | .15 | .50 |
| Roots of pure snowy, almost transparent whiteness, 4 inches in length and ½ inch in diameter. | | | |
| Early Scarlet Turnip White Tipped | .05 | .15 | .50 |
| Early deep scarlet with white tip; round. | | | |
| French Breakfast | .05 | .15 | .50 |
| Olive shaped; scarlet with white tip. | | | |
| Early White Turnip | .05 | .15 | .50 |
| Short top; small, round, delicate, white bulbs. | | | |
| Long Scarlet Short top | .05 | .15 | .50 |
| Long, straight, smooth, rich scarlet. | | | |
| Delicatess | .05 | .15 | .50 |
| Very early, snow white, tender. Fine for forcing or open ground. | | | |
| Golden Dresden | .05 | .20 | .60 |
| Of medium size, round, smooth, with clear golden skin; flesh white. | | | |
| Dallwig's Oval Shaped Golden Yellow | .05 | .20 | .60 |
| Skin rich golden yellow; flesh white, very crisp and tender. | | | |
| White Strassburg | .05 | .15 | .50 |
| Oblong, tapering shape; both skin and flesh pure white; excellent for summer use, as it withstands severe heat and grows very quickly. | | | |



RADISH — Continued



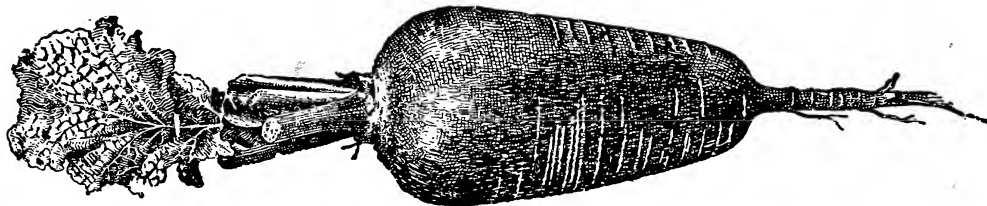
Icicle Radish



| | Pkt. | oz. | $\frac{1}{4}$ lb. |
|--|------|-----|-------------------|
| Giant White Stuttgart | .05 | .15 | .50 |
| Very large heart-shaped white radish of quick growth. | | | |
| Dallwig's Oval Shaped Gray-Black Summer No. 1 | .05 | .20 | .60 |
| Smooth, solid, crisp and tender, never grows pithy. Equally fine for forcing or open air culture. A very handsome radish of oval shape and grayish-black color; on some soils the color is black, which is lightened, however, by the irregular white lines appearing at intervals. | | | |
| Dallwig's Oval Shaped Gray Summer No. 2 | .05 | .20 | .60 |
| In every respect equal to our No. 1. Lighter in color, grows to a larger size, and is somewhat later, forming a valuable succession to No. 1. May be grown under glass as readily as outdoors. | | | |
| Re-selected White Munich | .05 | .20 | .60 |
| The excellence of this radish is found in the quite pronounced but nevertheless agreeable pungency of its flavor. It is very crisp and tender, and has an extremely smooth and fine grained skin with no tendency to throw out side roots. Its form is a tapering oval, and it grows to a very large size. We introduced this radish to America, and we have a very superior strain of seed. | | | |



RADISH — Continued

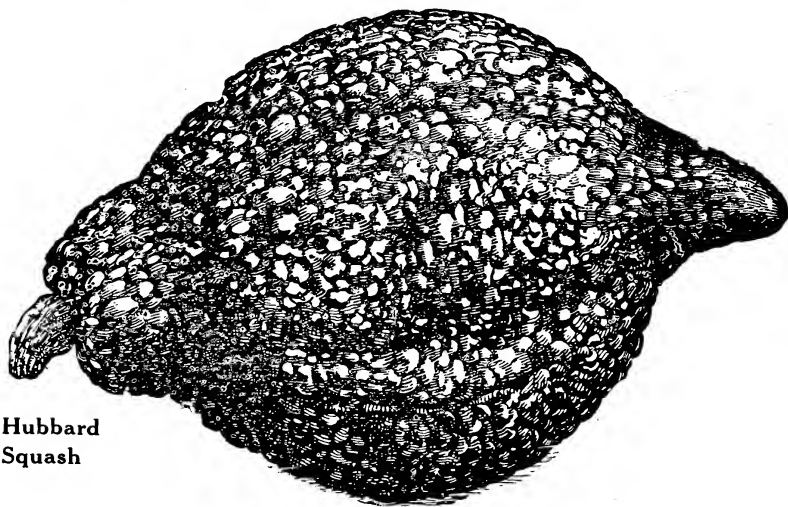


Half Long Black Winter Radish

| | Pkt. | oz. | $\frac{1}{4}$ lb. |
|---|------|-----|-------------------|
| Long Black Spanish..... | .05 | .15 | .50 |
| Root black, of very large size and firm texture. | | | |
| Half Long Black Winter..... | .05 | .15 | .50 |
| Intermediate in shape between the Round and Long Black Spanish. | | | |
| Round Black Spanish..... | .05 | .15 | .50 |
| A turnip-shaped, black-skinned, winter-keeping radish. | | | |
| Long White Winter..... | .05 | .15 | .50 |
| A white winter sort of remarkably fine keeping qualities. | | | |
| Scarlet China..... | .05 | .15 | .50 |
| Roots cylindrical, color bright deep rose; crisp and pungent. | | | |

Squash

| | | | |
|--|-----|-----|-----|
| Giant Summer Crookneck..... | .05 | .15 | .50 |
| The flesh is thick, yellow, and of splendid quality. | | | |
| Early Mammoth White Bush..... | .05 | .15 | .50 |
| The best of the scalloped varieties. | | | |
| Vegetable Marrow..... | .05 | .20 | .60 |
| Oblong form, 9 inches long, shell pale yellow, flesh white. | | | |
| Warted Hubbard..... | .05 | .20 | .60 |
| Bred for large size, rough skin, and dark green color, qualities demanded by large growers; flesh fine grained, rich, and dry. | | | |

Hubbard
Squash

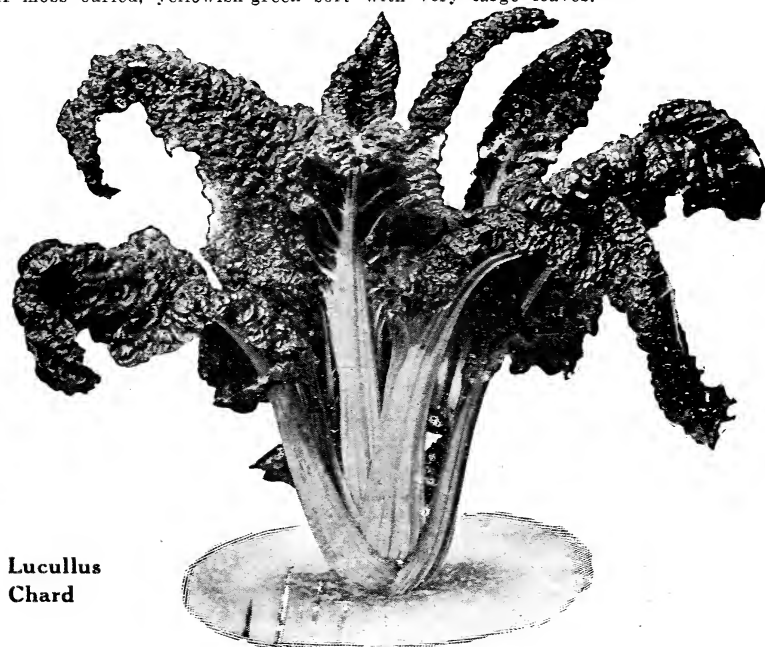


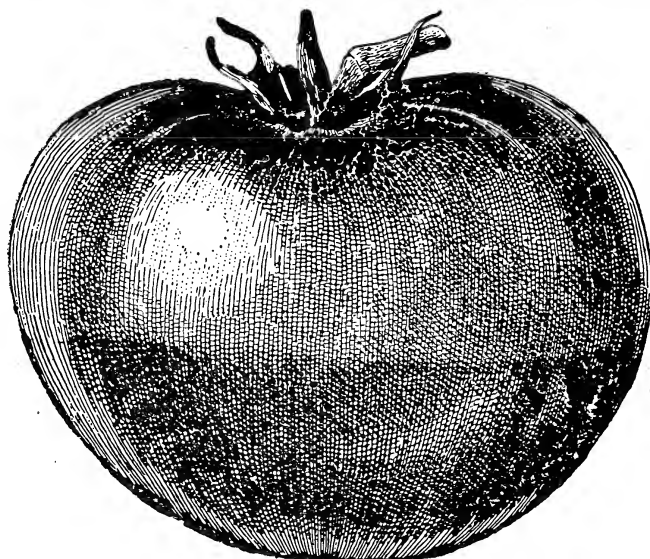
Spinach

| | Pkt. | $\frac{1}{4}$ lb. | lb. |
|---|------|-------------------|-------------------|
| Improved Giant Thick Leaved | .05 | .25 | .75 |
| Forms a cluster of very large, slightly crumpled leaves of deep green color; leaves usually broad arrow-shaped but sometimes rounded. | | | |
| Giant Fill-Basket | .10 | .30 | 1.00 |
| Large quantity of bulky leaves in the center of well developed plants, twice the size of Victoria. The dark, glossy green leaves have a strongly undulating surface and are notably thick in texture. | | | |
| Triumph | .05 | .25 | .75 |
| A large growing variety of the best quality, that withstands hot weather better than any other sort. | | | |
| Victoria | .05 | .25 | .75 |
| Heavy, broad, dark green leaves, slightly crumpled. A fine variety for spring sowing, being slow to run to seed. | | | |
| | Pkt. | oz. | $\frac{1}{4}$ lb. |
| New Zealand | .05 | .15 | .50 |
| Entirely distinct from the true spinach; plant tall and spreading with numerous side shoots; leaves medium green, rather small and pointed; grows well in hot weather and under adverse conditions. | | | |

Swiss Chard

| | | | |
|---|-----|-----|-----|
| Zurich | .05 | .15 | .50 |
| Yellowish-green, fine curled. | | | |
| Giant Lucullus | .05 | .15 | .50 |
| A moss curled, yellowish-green sort with very large leaves. | | | |

Lucullus
Chard



Earliana Tomato

Tomato

| | Pkt. | oz. | ¼ lb. |
|---|------|-----|-------|
| John Baer | .10 | .50 | 1.50 |
| Glistening scarlet color, mild deliciously sweet flavor, and solid meaty flesh. The very earliest to ripen its fruit. | | | |
| Sparks' Earliana | .05 | .35 | 1.25 |
| Our strain of this first early sort is earlier and decidedly superior to much that is sold as Sparks' Earliana, and the extreme earliness of its large, smooth fruits makes it a very profitable tomato for market gardeners. | | | |
| Bonny Best | .05 | .35 | 1.25 |
| About a week earlier than Chalk's Early Jewel and almost as early as the best types of Earliana. Fruit very smooth, solid and uniform, produced in clusters in center of the plant; color intense glowing scarlet; ripens uniformly to the stem end and is very productive. The most largely grown variety for forcing. | | | |
| Chalk's Early Jewel | .05 | .35 | 1.25 |
| Within a week to ten days as early as Earliana, with fruit of larger size and sweeter flavor. | | | |
| Early Detroit | .35 | .40 | 1.50 |
| The largest and best of the purplish pink tomatoes. Uniform in size, globe shaped, heavy, firm, smooth. | | | |
| Yellow Plum | .05 | .35 | 1.25 |
| Yellow, plum-shaped, growing in clusters. | | | |
| Golden Queen | .05 | .35 | 1.25 |
| Yellow tomato of large size, solid and smooth. | | | |
| Royal Purple, or Improved Beauty | .05 | .35 | 1.25 |
| Improved type of Beauty; color deep pink, tinged purple; mid-season. | | | |
| Dwarf Champion | .05 | .40 | 1.50 |
| Of a distinctly dwarf, compact, upright growth; fruits smooth, solid and medium size; color pink; quite early. | | | |
| Cream City | .05 | .35 | 1.25 |
| Smooth, always round and of good size; color purplish-crimson. | | | |



Bonny Best Tomato



TOMATO—Continued

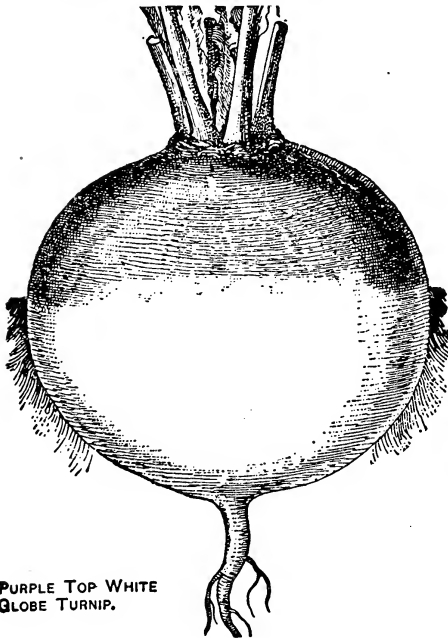
| | Pkt. | oz. | ¼ lb. |
|---|------|-----|-------|
| Matchless | .05 | .35 | 1.25 |
| Rich cardinal red, remarkably solid and smooth; large size. | | | |
| Ponderosa | .10 | .50 | 1.50 |
| The largest fruited tomato; deep purple in color; solidly fleshy with small seed cells. | | | |
| Yellow Husk, or Ground Cherry | .05 | .35 | 1.25 |
| Used for preserves. Fruit small, about one-half inch in diameter, enclosed in a loose husk. | | | |

Turnip

| | | | |
|--|-----|-----|-----|
| Purple Top White Globe | .05 | .10 | .30 |
| Globular in shape, of good size; purple or dark red above ground, white below. | | | |
| Purple Top Strap Leaved | .05 | .10 | .30 |
| Roots flat, of medium size, dark red or purple above ground, white below. | | | |
| White Egg | .05 | .10 | .30 |
| An early, oval or egg-shaped variety, with smooth, clear white roots of medium size. | | | |

Tobacco

| | | | |
|--|-----|-----|------|
| Connecticut Seed Leaf | .05 | .35 | 1.00 |
| A hardy cigar variety, well adapted to growing in the northern states. | | | |

PURPLE TOP WHITE
GLOBE TURNIP.Turnip.
Purple Top
Strap Leaved



Abutilon G

Flowering Maple. Handsome bushes covered with bell-shaped flowers in the daintiest and also strongest colors, dotted and veined.

—**Finest Hybrids Mixed.**

Packet, .15

Adonis hA

—**Aestivalis.** Bright crimson flowers peering from finely cut foliage. Pkt., .05

Ageratum hA

Very effective bedding plants; remain in bloom throughout the summer.

—**Blue Perfection.** Dwarf, compact growth; its color is a deep amethyst blue; has nothing of the faded-out appearance of the old style Ageratum. Pkt. .05

—**Little Blue Star.** The bushy plants do not exceed 5 inches in height, with clusters of light blue flowers with purple center, changing to pure light blue. .10

Althaea. See Hollyhocks.

Alyssum hA

A general favorite, with delicate flowers of exquisite fragrance, very free flowering, suitable for beds, borders and rock-work; fine for cut.

—**Benthmi.** Best for cutting. Packet, 5c; $\frac{1}{4}$ ounce, 15c; 1 ounce, .30

—**Little Gem.** This should really be called the "Snow White Carpet Plant," as the plants, which are only a few inches high, grow so dense, and are so completely covered with snow white blossoms as to give the impression of a beautiful carpet spread over the ground. We know of no other white flower which is so particularly well adapted to borders, ribbon bedding, etc.

Packet, 5c; $\frac{1}{4}$ ounce, 20c; $\frac{1}{2}$ ounce 35c; 1 ounce, .60

—**Lilacinum, Lilac Queen.** A new variety of Alyssum with pure lilac flowers, the color becoming more intense as the season advances; dwarf. Packet .10

Amaranthus hhA

—**Tricolor.** Joseph's Coat. Valuable for bedding, having pretty ornamental foliage, variegated crimson, yellow and green; 2 $\frac{1}{2}$ feet. Packet .05

Ammobium hA

—**Alatum Grandiflorum.** 2 $\frac{1}{2}$ feet. This pretty white Everlasting should be in every garden; grows in sandy soil. Packet, 5c; $\frac{1}{4}$ ounce, .15

Antirrhinum. See Snapdragon.

Aquilegia or Columbine hP

In the garden of hardy flowers the Columbines or Aquilegias deserve distinguished consideration and a place of honor. Lovely and graceful in foliage and bloom, exquisite in coloring, absolutely hardy, and thrive in sun or shade.

—**Chrysantha.** Golden yellow; flowers large, long-spurred; 3 feet. Packet, .10

—**Coerulea.** Rocky Mountain Columbine. One of the most beautiful of our native American flowers; sepals deep blue, petals white. Packet, .10

—**Long Spurred Hybrids.** Magnificent hybrids in the greatest variety of colors and shades; one of the finest strains. Packet, .10

Arctotis hhA

—**Grandis.** Daisy-like flowers, pure white, lilac on the under side, with a lavender disc. Most useful for cutting, having long, erect stalks. Packet, .05

**Asparagus S**

—**Plumosus Nanus.** Asparagus Fern. One of the prettiest house plants. Leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. The hard seeds need soaking and bottom heat to sprout them. 10 seeds, 10c; 25 seeds, 20c; 100 seeds, .75

—**Sprengeri.** Most handsome seen drooping gracefully from pot or hanging basket; of fresh, light or apple green hue. 25 seeds, 10c; 100 seeds, .30

Asperula hP

—**Odorata.** (Waldmeister.) Grown for its fragrant leaves and stems, used for flavoring May Wine. It grows best among shrubbery in semi-shaded position where it can remain undisturbed; flowers white. Packet, .10

Asters h&A

The great diversity of size, color, form, and season of blooming make the Aster one of the most suitable plants for cut flowers. We offer choice seed that has been grown for us from the best types by the most skillful cultivators.

Asters are sometimes troubled with a fungus known as blight, the nature of which is but imperfectly understood. As a preventive measure pull up and burn all affected plants, spread air-slaked lime over the beds in the fall, and choose an entirely new location for your Asters the next year, where Asters have not been grown for at least two years preceding. Fertilize with pulverized sheep manure. If the plants are attacked by the aster-beetle, dust with Slug Shot.

—**Queen of the Market.** Very early, extremely floriferous, medium sized variety with long stems. Excellent for cutting. White. Pink. Light Blue. Dark Blue. All Shades Mixed. Packet, 5c; $\frac{1}{4}$ ounce, .40

—**The Royal.** Its habit of growth is entirely distinct, the stems growing directly from the ground and not on side shoots from the main stem like other varieties. The petals are very broad and distinctly incurved or shell-shaped, giving an effect of shading which enhances the beauty of the color. Medium early. White, Shell-pink, Lavender, Purple, Mixed. Packet, 5c; $\frac{1}{4}$ ounce, .40

—**Heart of France.** Large full flowers of rich ruby red, with a warm velvety texture. The plants are of branching type, with long, strong stems. Midseason. Packet, 10c

—**Astermum.** A splendid new type of the Hohenzollern Aster, of immense size, center very full. The following is the description by the raiser, A. A. Sawyer: "The plant itself grows straight up with very strong, sturdy stems, starting near the base and reaching from 18 to 24 inches. Each plant yields from ten to fifteen blooms, and their solidity is such that they make good shippers". White. Pink. Lavender. All Shades Mixed. Packet, 10c; $\frac{1}{4}$ ounce, .35

—**Giant Branching.** A strong growing Aster whose tendency to form numerous branches is very marked; therefore it should have more room than other sorts. A rather late bloomer, thus giving its crop of flowers at a season when there is always a scarcity of bloom. The flowers are borne on very long stems, and are four inches and more in diameter, with broad, long petals. White. Lavender. Purple. Daybreak Pink. Rose Pink. Crimson. All Shades Mixed.

Packet, 5c, $\frac{1}{4}$ ounce, 20c; $\frac{1}{2}$ ounce, 35c; 1 ounce, 1.25



W. E. DALLWIG

34-Juneau Ave. MILWAUKEE



Giant Branching Aster

**Auricula hP**

—**Primula Auricula.** A dwarf growing hardy plant, bearing in early spring umbels of fragrant flowers of many rich and beautiful shades. Packet, .10

Balloon Vine. See Climbing Vines.

Balsam Apple and Pear. See Climbing Vines.

Balsam hhA

Lady Slipper. An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant-colored double flowers in the greatest profusion. Balsams like the hot sun, rich soil, and plenty of water. For perfect development the plants should be set 12 to 18 inches apart, and be twice transplanted.

—**Double Rose Flowered Mixed.** Packet, 5c; $\frac{1}{2}$ ounce, 15c; 1 ounce, .40

Begonia G

—**Tuberous Rooted.** For brilliancy of color, duration and profusion of bloom, few plants can compare with the tuberous-rooted Begonias. Seedlings raised in heat early in spring will flower the same summer. For outdoor bedding select a shady, moist situation.

—**Single Mixed.** Saved from the finest exhibition varieties, all having large, well formed flowers of many brilliant shades of color. Packet, .25

—**Fibrous Rooted.** A continuous flowering type of Begonia of the greatest value for bedding; the flowers, although small, are of brilliant colors and borne in great profusion from summer to autumn.

—**Erfordia.** Pretty variety, densely covered delicate rose flowers. Pkt., .15

—**Gracilis Luminosa.** Large bright scarlet flowers. Packet, .20

—**Rex. S.** Grown for their large, beautiful, ornamental leaves. Packet, .25

Bellis hB

Charming little plants for edgings and borders, also for rock work.

—**Longfellow.** Rose. —**Snowball.** White. —**Mixed.** Packet, .10

Calceolaria S

Very handsome and showy, covered with a great many curious pocket-like flowers; grow about 18 inches high. Packet, .25

Calendula hA

Very showy border plant, lasting the whole of the summer without any attention whatever beyond keeping the seed vessels picked off. Not at all particular as to soil and surroundings, and may be described as everybody's flower.

—**Orange King.** The outer petals are slightly imbricated, while the center ones are curved like those of the peony; glowing orange. Packet, 5c; 1 ounce, .25

—**Prince of Orange.** Deep orange, striped lemon. Packet, 5c; 1 ounce, .25

—**Sulphur Queen.** Large sulphur yellow. Packet, 5c; 1 ounce, .25

—**Pongei.** Double white. Packet, 5c; 1 ounce, .25

—**Mixed.** All shades. Packet, 5c; 1 ounce, .20

Calla G

—**Devoniensis.** The seedlings come true and will bloom profusely the first year. Its willingness to bloom is phenomenal, while its culture is of the simplest. Large pure white blooms, borne on stout stalks. Packet, .10

California Poppy. See Escholtzia.

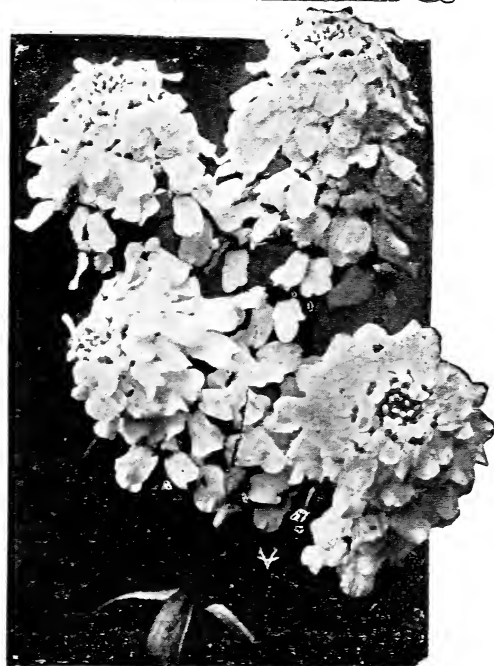


W. E. DALLWIG

34-Juneau Ave. MILWAUKEE



Calliopsis



Candytuft

Calliopsis or Coreopsis hA

Very showy annual, producing flowers in every shade of yellow, orange, crimson and brown; bloom until frost; splendid for cut. Pkt., 5c; $\frac{1}{4}$ ounce. .20

Campanula or Bellflower hB

Nothing can surpass the grace of the clusters of delicate flower bells that distinguish the Campanulas. They are indispensable hardy plants, of tall and imposing habit. The dominant color is blue, but there are also pink and white.

—**Calycanthemum**. Cup and Saucer. A beautiful variety; the bell or trumpet is very large, and is surrounded by a collar, exactly like a cup and saucer combined, hence its name. White. Pink. Blue. Mixed. Packet, .05

—**Medium**. Similar to Calycanthemum, but has no saucer. Mixed. Packet. .05

Candytuft hA

The Candytufts are among our best hardy annuals for edgings, bedding, massing or rockeries, and for cutting.

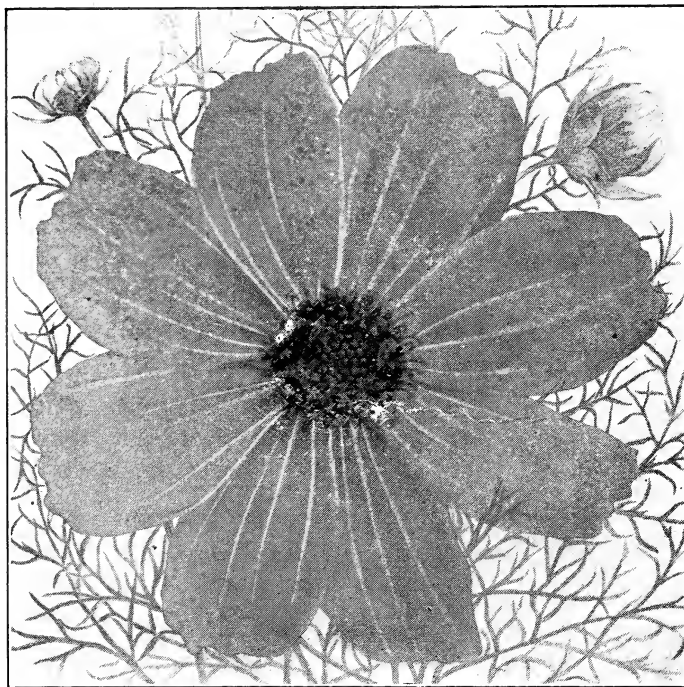
—**Empress or Giant Hyacinth Flowered**. A beautiful variety bearing candelabra-shaped branches, each producing a large truss of pure white flowers, presenting perfect pyramid of bloom throughout the summer. Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz. .50

—**White Rocket**. Packet, 5c; $\frac{1}{4}$ ounce, 10c; 1 ounce, .25

—**Queen of Italy**. An exceedingly free flowering, dwarf, compact variety, with almost evergreen foliage and delicate pink flowers. Packet, 5c; $\frac{1}{4}$ ounce, .20

—**Umbellata**. Purple. —**U. Dunetti**. Crimson. —**U. Lilacina**. Lilac. Pkt., .05

—**Mixed**. All shades mixed from separate colors. Pkt., 5c; $\frac{1}{4}$ oz., 10c; 1 oz., .35

**Cosmos****Cosmos hA**

For cutting for bouquets and vases this is one of the finest flowers grown; the long stems and feathery foliage lend themselves to graceful arrangements. The plants, of symmetrical pyramidal form, are one mass of feathery, emerald green foliage, studded with mammoth flowers of white, pink, or crimson, enlivening the garden long after more tender flowers have succumbed to early frost.

—**Early Flowering Mammoth.** We have dropped the ordinary Early Flowering varieties which produce small flowers, as well as the late Giants which are nearly always caught by early frost, and now offer only these Mammoth Early Flowering sorts.

— —**White.** — —**Pink.** — —**Crimson.** — —**Mixed.** Packet, 5c; $\frac{1}{2}$ ounce, .30

Giant Flowered Cyclamen S

Alpine Violet. Charming bulbous-rooted plants with beautiful foliage and rich-colored, orchid-like, fragrant flowers: they require sandy loam.

—**Crimson King**, dark bloodred. — **Magnificum**, white with eye. — **Mont Blanc**, pure white. — **Perle von Zehlendorf**, salmon. — **Rose von Zehlendorf**, salmon-pink. — **Mixed.** Packet, .25

**Cyperus or Umbrella Plant**

—**Alternifolius**. Grows finely in water with rich soil, throwing up long stalks with narrow green leaves. Packet, .05

Cypress Vine. See Climbing Vines.

Delphinium or Larkspur

The Larkspur is one of the loveliest of the tall blue-flowered garden plants. It blooms abundantly in midsummer and is excellent for cutting.

—**Belladonna**. hP. Lovely pale blue with white center; 4 feet. Packet, .10

—**Chinense**. hP. Large flowers, from pure white to indigo blue; 2 ft. Packet, .05

—**Formosum**. hP. Rich deep blue, exceedingly effective; 3 feet. Packet, .05

—**Coelestinum**. hP. Very beautiful large light blue flowers; 3 ft. Packet, .05

—**Emperor**. hA. Splendid type of annual Delphinium of candelabra habit; fine for cutting; height about 2 feet. Mixed. Packet, 5c; $\frac{1}{4}$ ounce, 15c; 1 ounce, .50

Dianthus

The numerous species of Dianthus include several garden flowers that are indispensable for their beauty and usefulness. We wish to call special attention to the merits of the Chinese and Heddewigii varieties. These are worthy of far more general culture than they at present receive. They grow freely from seed, and remain in full beauty for months.

—**Barbatus**. hP. Sweet William. A well known sweet scented old fashioned perennial for bedding and borders, forming fine clumps in any good garden soil. It is one of the most desirable plants for garden display.

—**Single Mixed**. Giant flowered; a great improvement on the old kinds, both in colors and size of flowers. Packet, 5c; $\frac{1}{4}$ ounce, .20

—**Johnson's Giants**. The range of colors includes shades which are not to be found in other strains, and the markings are most attractive. Packet, .10

—**Atrococcineus**. Single bloodred. Packet, 5c; $\frac{1}{4}$ ounce, .25

—**Double Mixed**. Packet, 5c; $\frac{1}{4}$ ounce, .25

—**Cariophyllus**. hB. Double Garden Carnation. The seed we offer is saved from one of the finest collections in Europe. Packet, .10

—**Chinensis**. hB. China Pink. Singularly rich and varied colors. Splendid for beds and showy in borders; blooms a long time. Packet, 5c; $\frac{1}{4}$ ounce, .15

—**Heddewigii**. hB. Japanese Pink. Flowers very large and of the most brilliant colors, varying from pure white to the richest crimson, while many are beautifully laced or striped. For bedding purposes they are of great value during entire summer, and they also furnish elegant flowers for bouquets. Packet, .05

—**Latifolius Atrococcineus**. hP. Everblooming Hybrid Sweet William. This Dianthus is a cross between the China Pink and the Sweet William, combining the free and continuous blooming qualities of the former with the hardness of the latter. Velvety crimson-scarlet; blooms first year from seed. Packet, .05

—**Margaret**. hB. These superb carnations are very popular, not only by reason of their fine, double, fragrant flowers, but also because they can be treated as annuals. Like the China Pink they flower freely the first season from seed, and yield a profusion of fragrant flowers in great variety of colors. Packet, .05

—**Plumarius**. hP. Double Pheasant's Eye Pink, in various colors. Packet, .05

Dracaena G

—**Indivisa**. Ornamental leaved plants; long, narrow, green foliage. Pkt., .05



Digitalis or Foxglove hP

Foxgloves are popular old fashioned plants. Though perennials, they are most satisfactory when treated as biennials, sowing every year in rich soil.

—**Gloxiniaeflora.** A beautiful strain of finely spotted varieties. Packet, .05

Dimorphotheca Aurantiaca hA

An extremely showy annual of very easy culture. The plants are of neat, branchy habit, grow about 12 to 15 inches high and are exceedingly profuse in flowering. Its Marguerite-like blossoms, 1½ inches in diameter, show a unique, glossy, rich orange-old, with a dark-colored disc surrounded by a black zone. Well adapted for groups or borders. Packet, .05

—**Aurantiaca Hybrida.** Beautiful new hybrids, the colors varying from purest white through the various shades of yellow from sulphur to orange, and rich salmon. Packet, .10

Dolichos. See Climbing Vines.

Escholtzia or California Poppy hA

—**Dainty Queen.** A tender blush or pale coral pink, slightly deeper toward the edges, with a groundwork of delicate cream. Packet, .05

—**Golden West.** Bright yellow and orange, penciled and blotched. Packet, .05

—**Mandarin.** Deep orange. Packet, 5c; ¼ ounce, 10c; 1 ounce, .30

—**Rosy Morn.** Rosy white, delicately channelled or fluted with tiny folds radiating from the center, and richly adorned with a soft primrose yellow hue. .05

—**Thorburni.** The unopened buds on outer side of petals are of the richest deepest possible crimson, toning down on the inner side to bright flame-color and molten-gold; decidedly distinct, and almost barbaric in splendor. Packet, .10

—**Special Mixture.** Includes all the varieties here described, and in addition many others, and is one of the most complete mixtures offered. Pkt., 5c; ½ oz., .25

Euphorbia hA

—**Variegata.** Snow on the Mountain or Mountain Spurge. 2 feet. Remarkably distinct plant, very showy with its foliage edged white and green. Packet, .05

Everlasting Flowers

Ammobium. hA. Favorite everlasting with white flowers. Packet, .05

Gomphrena Globosa. hA. Large clover-like heads of flowers. Packet, .05

Helichrysum. hA. Strawflower. Large double flowers in shades of white, yellow and crimson; should be cut before fully open. Packet, 5c; ¼ ounce, .15

Lunaria. hB. Honesty, Moonwort, or Satin Flower. Admired for its silvery seed pouches, which are used for house ornaments; 2 feet. Packet, 5c; ¼ ounce, .10

Mixed. Packet, 5c; ¼ ounce, .15

Feverfew. See Matricaria and Pyrethrum.

Forget-Me-Not

—**Alpestris Victoria. hB.** Round little bushes covered with azure flowers. .05

—**Palustris Semperflorens. hP.** Blooms from spring to fall. Packet, .05

Gaillardia hA

Exceedingly showy; produces large flowers of scarlet, white, and yellow, borne freely throughout the summer; excellent for cutting.

—**Single Mixed.** —**Double Mixed.** —**Single and Double Mixed.** Packet, .05

**Gaillardia Grandiflora hP**

—**Maxima Kermesina.** Rich crimson center with a border of canary yellow. If sown early they begin flowering in July, continuing a mass of bloom until frost. Among the showiest and most effective perennials; fine for cut. Packet, .10

Godetia hA

For producing a blaze of color in gardens annuals stand alone, and of all annuals for this purpose Godetias and Nasturtiums are most conspicuous. Only those who have seen vast masses of Godetias can realize the effect produced.

—**Crimson Glow.** Flowers of the most dazzling intense crimson. A bed of this variety produces a vivid effect the intensity of which it is impossible to describe and to be fully appreciated it must be seen growing. Packet, .05

—**Mixed.** Packet, 5c; $\frac{1}{2}$ ounce, .15

Gomphrena. See Everlastings.

Gourds. See Climbing Vines.

Gypsophila

—**Elegans Alba Grandiflora.** hA. Baby's Breath. Furnishes the loveliest material for all kinds of bouquets, the dainty, pure white flowers setting off bolder ones to advantage. Most charming garden effects can be produced by planting among other annuals, such as Poppy, Larkspur, Heliotrope, etc. Several sowings should be made during the season to keep up a supply. Pkt., 5c; oz., .25

—**Rosea.** hA. Pink. Packet, 5c; $\frac{1}{2}$ ounce, 15c; 1 ounce, .25

—**Paniculata.** hP. Gauze-like minute white flowers. Packet, .05

Helianthus or Sunflower hA

—**Nanus Fl. Pl.** A dwarf variety, very double, rich golden yellow. Packet, .05

—**Stella.** Flowers about 3 inches across, of golden yellow color with black disc. borne on long stems, which rise well above the foliage. Packet, .05

Helichrysum. See Everlastings.

Heliotrope

Deliciously fragrant flowering plants, great favorites for pot culture and bedding out; large umbels of purple and lilac of various shades. Packet, .05

Hollyhocks

An old-fashioned favorite, which should be sown in July to have flowering plants the next summer; 4 to 6 feet high. Most effective in clumps or lines. If attacked by rust, spray with Bordeaux when plants are young.

—**Chater's Prize.** hP. Seed saved from the finest English strain; will produce extremely large and double flowers. White. Yellow. Pink. Scarlet. Pkt., .15

—**Mixed.** Packet, .10

—**Good Mixed.** Packet, .05

—**Annual Everblooming.** hA. Commences flowering in twelve weeks from seed, and continues until frost. The flowers are double, semi-double and single, and appear in all colors. Packet, .10

Hunnemannia or Bush Escholtzia hA

—**Fumariaefolia.** The plants grow into a shrubby bush 2 feet high, and produce large cup-shaped flowers on stems 12 inches long. The color is of clear, bright yellow, the petals broad and crinkled like crushed eaten. Pkt., 5c; $\frac{1}{2}$ oz., .25



Humulus. See Climbing Vines.

Hyacinth Bean. See Climbing Vines.

Iberis. See Candytuft.

Ipomoea. See Climbing Vines.

Ice Plant hA

—**Crystallinum.** Suitable for rock work, hanging baskets, etc. Foliage thick and fleshy and of a frosted wax-like appearance; pink flowers. Packet, .05

Kochia Tricophylla or Summer Cypress hA

Regular pyramids of cypress-like appearance. The leaves are a light pea-green until September, when they change to carmine and bloodred; 2½ feet.

Packet, 5c; ½ ounce, .10

Larkspur. See Delphinium.

Lathyrus. See Climbing Vines.

Linum hA

—**Grandiflorum Rubrum.** Scarlet Flax; very attractive bedding plant. Pkt., .05

Lobelia hA

A dwarf plant with delicate, graceful foliage and pretty, tiny flowers. Of chief value for edgings and hanging baskets.

—**Erinus Gracilis.** Best for hanging baskets; light blue. Pkt., 5c; ½ ounce, .15

— —**Bedding Queen.** Deep blue with a clear white eye. Packet, .05

— —**Crystal Palace Compacta.** Deep blue, with dark foliage. Packet, .05

— —**Emperor William.** Clear sky blue. Packet, .05

Lophospermum. See Climbing Vines.

Lunaria. See Everlastings.

Lupinus hA

Free flowering, easily grown annual, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds, and for cutting; prefers a little shade; height 2 feet.

—**Hartwegi Album,** white. — —**Coelestinum,** sky blue. — —**Roseum,** pink.

— —**Mixed.** Packet, 5c; ½ ounce, .15

Mignonette hA

A well known annual with spikes of deliciously fragrant flowers.

—**Grandiflora.** Large flowering, sweet scented. Packet, 5c; 1 ounce, .15

—**Goliath.** Giant trusses of flowers of pure bright red color. Pkt. 10c; ½ oz. .50

—**Machet.** The best sort for pot culture. Vigorous pyramidal growth, with long broad spikes of deliciously scented red flowers. Packet, 10c; ½ ounce, .25

—**New York Market.** This is the finest strain of Mignonette for greenhouse culture. Our seed is greenhouse grown, and saved from select spikes. Packet, .25

Mimosa hA

—**Pudica.** Sensitive Plant. A most interesting little plant, being so sensitive that a touch of the hand will instantly cause the leaves to fold up. Packet, .05

Mimulus hA

—**Moschatus.** Musk Plant. Musk scented leaves, tiny yellow flowers. Pkt., .05

**Marigold****Marigold hA**

In autumn, when many bedding and other plants are past their prime, Marigolds afford a wealth of color that is simply invaluable.

- Double Tall African.** These produce large self-colored flowers. Packet, .05
- Double Tall French.** These differ from the African in that they have flat flowers with interesting marking and velvety sheen. Packet, .05
- Double Dwarf French.** Packet, .05
- Pot Marigold,** See Calendula.

Matricaria hA

Double White Feverfew. Free flowering plants, producing all season fine, double, white flowers, excellent for cutting. Packet, .05

Maurandia. See Climbing Vines.

Mesembrianthemum. See Ice Plant.

No occupation is as healthy, innocent or instructive to a child as a practical study of nature. No matter how small the space of ground the pleasure to a child of cultivating a little garden will always develop ambition, and the pleasure of observing the growth from the day the seed sprouts until the plants attain perfection is in itself a lesson which both young and old can appreciate. The good, wholesome benefit derived by the children must necessarily cultivate the mind, while at the same time amuse.

Heads of Institutions and School Managers would do well to cultivate in the minds of the children under their charge a love of nature and the beautiful.

Annual flowers such as Balsam, Mignonette, Four O'Clocks, China Pinks and Phlox are all easily raised and afford a showy display at small cost and little labor. In Vegetable Seeds our selection is unexcelled.



Nigella, Miss Jekyll

Mirabilis hA

Four O'Clock or Marvel of Peru. Bushy plant with funnel-shaped flowers of many colors. Packet, 5c; 1 ounce, .20

Mina Lobata. See Climbing Vines.

Momordica. See Climbing Vines.

Moonflower. See Climbing Vines.

Morning Glory. See Climbing Vines.

Myosotis. See Forget-Me-Not.

Nicotiana hhA

—**Sylvestris.** An annual with sweet scented, pure white, star shaped flowers. .05

—**Sanderae Hybrids.** These come in many colors, ranging from pure white to deep scarlet, some of the intermediate tints being of exquisite beauty. .05

Nigella hA

Also known as Love-in-a Mist and Lady-in-the-Green because the blossoms are partly concealed by the finely cut foliage. The large, oddly shaped flowers are surrounded by a very dense fringe or wreath of mossy fibres.

—**Miss Jekyll.** Clearest cornflower blue, contrasting most charmingly with the fine foliage Packet, 5c; $\frac{1}{4}$ ounce, 15c; 1 ounce, .50

—**Mixed Colors.** Packet, 5c; $\frac{1}{4}$ ounce, 10c; 1 ounce, .25



Nasturtiums

The dwarf varieties of Nasturtiums are among the most useful and beautiful of annuals for bedding, massing, and edging, owing to their profusion of bloom, richness of color, and compact growth. The tall sorts are admirably adapted for rock work. They flower most profusely when planted in rather poor soil. They remain in bloom a long time, and stand heat and drought without the slightest effect.

—Dallwig's Special Mixture Climbing. } The color combination in these mixtures
—Dallwig's Special Mixture Dwarf. } are simply superb such wealth of shades
far surpassing in effect anything we can describe.

Packet, 5c; ounce, 20c; $\frac{1}{4}$ pound, 60c; pound, \$2 00



Giant Pansies

The Pansy will succeed in any soil that is not too hot and too dry, and if a special compost is made for them it should consist of one third rich loam, one third leaf mould, and one third well decayed manure. In early spring the seed should be sown in frames or in boxes for summer and autumn blooming, and later on, about July, sowings may be made out of doors in a partially shaded place, transplanting in October to where they are intended to flower the following spring. The plants winter best in a cold frame; if left to winter in the open, they should be well protected with a good covering of straw and boughs.

| | Pkt. | ½ Oz. |
|---|---------------|-------|
| —Adonis. Light blue with white center..... | .10 | .30 |
| —Bugnot. The shadings are wonderfully rich and comprise tints of red, bronze, and brown; flowers enormous size and most circular. | .15 | .75 |
| —Cassier's 5 Blotched. This is a fine mixture with 5 blotches on rich backgrounds..... | .15 | 1.00 |
| —Cassier's 3 and 5 Blotched..... | .10 | .50 |
| —Crimson King. Light crimson-purple, with dark violet blotches.. | .10 | .50 |
| —Emperor William. Splendid ultra-marine blue with violet eye..... | .10 | .30 |
| —Eros. Deep velvety brown with a broad yellow border..... | .10 | .65 |
| —Fiery Faces. Rich scarlet with gold; brown center..... | .10 | .35 |
| —Freya. Deep purple-violet with white margin..... | .10 | .30 |
| —Golden Queen. Clear golden yellow..... | .10 | .30 |
| —Hortensia. Magnificent hydrangea-pink..... | .10 | .50 |
| —King of Blacks. Large deep purple, almost black..... | .10 | .25 |
| —Lord Beaconsfield. Deep purple violet, shading to white..... | .10 | .30 |
| —Lulu Perret. Bronze-yellow, with dark center..... | .10 | .50 |
| —Madame Perret. Shades of wine, pink and red, beautifully veined | .10 | .40 |
| —Marbled on White Ground..... | .10 | .25 |
| —Masterpiece. The margin of each petal is conspicuously undulated or curled; flowers very large and range of colors very extensive. | .15 | .75 |
| —Mauve Queen. Large mauve, blotched blush carmine; very unique | .10 | .30 |
| —Mercury. Deep black-purple self..... | .10 | .40 |
| —Odier. Flowers very large, each petal marked with a dark blotch. | .15 | .75 |
| —Odier Golden Yellow. Five blotched; very effective..... | .15 | .75 |
| —Odier White. Deep violet blotch on each of the five white petals.. | .15 | .75 |
| —Peacock. Royal purple, shot with peacock blue..... | .10 | .40 |
| —Pretiosa. Carmine purple with violet blotches, broad white margin | .10 | .65 |
| —Psyche. Creamy white with large violet blotches; undulated petals | .10 | .65 |
| —Rosy Morn. Purplish crimson, margined with clear white..... | .10 | .50 |
| —Siegfried. Five blotched, wallflower-colored, with fluted petals.... | .15 | .65 |
| —Snow Queen. Pure white, small yellow eye..... | .10 | .30 |
| —Trimardeau Mixed. A very fine mixture with large flowers..... | .10 | .30 |
| —Triumph of the Giants. Enormous five blotched flowers of strikingly rich and brilliant colors; petals conspicuously undulated.... | .15 | 1.00 |
| —Vulcan. Brilliant deep red with five black blotches; very striking | .15 | 1.00 |
| —White with Eye. Violet eye. —Yellow with eye. Dark eye ... | .10 | .30 |
| —Dallwig's Giant Mixture. This is the richest and most choicely varied mixture; it comprises all the above varieties in the most satisfactory proportion of colors..... | 1 ounce, 5.00 | .75 |



Petunia, Large Single Fringed

Violas or Tufted Pansies

Free blooming hardy annual especially adapted to shady places. The flowers are not as large as other Pansies, but they blossom much more freely. They are fine when used in masses, or to edge walks or beds of taller plants. .05

Passion Flower. See Climbing Vines.

Petunia hhA

For freedom of bloom, variety of color, ease of culture, and effectiveness these rank with the Aster, Phlox and Verbena. With only little care, Petunias will produce their handsome, sweet scented flowers in delicate and gorgeous colors throughout the whole summer.

—**Fine Single Mixed.**

Packet, 5c; $\frac{1}{4}$ ounce, 25

—**Large Flowering Single Fringed.** A superb strain

Packet, .15

—**Large Flowering Double Fringed.**

Packet, .20

Christmas or Celestial Pepper

One of the very best introductions in berried plants. The plants are covered with bright colored cone shaped fruit at Christmas.

Packet, .05

Physalis hP

—**Francheti.** Chinese Lantern Plant. An ornamental variety of Winter Cherry, forming dense bushes about two feet high, producing freely its bright orange-scarlet, lantern-like fruits.

Packet, .05



Phlox

The Phloxes are the showiest and most easily raised of all annuals. We know of nothing which produces such a continuous supply of the most attractive flowers in a most wonderful range of colors. All the tints of the rainbow are represented with all possible variations of stripes, veins and eyes of contrasting shades.

- Drummondii**. hA. This mixture will delight and astonish all with its extensive variety of colors. Packet, 5c; $\frac{1}{4}$ ounce, 25c; 1 ounce, .75
- — —**Grandiflora**. Extra large flowered strain. Packet, 5c; $\frac{1}{4}$ ounce, .40
- — —**Alba**. Pure white. — — —**Chamois**. Rose with white eye. Pkt., .10
- — —**Kermesina**. Vivid crimson. — — — —**Oculata**. Crimson with white eye.
- — —**Star of Quedlinburg**. Distinct and starlike. Packet, 5c; $\frac{1}{4}$ ounce, .25
- — —**Nana Compacta**. Dwarf Phlox; very symmetrical, neat little bushes, for ribbon bedding and borders. Packet, 10c; $\frac{1}{4}$ ounce, .25
- Decussata**. hP. Hardy Phlox. Packet, .10

Portulaca hA

Moss Rose. Few flowers make such a dazzling display of color in the bright sunshine as a bed of Portulacas. They grow in a dry, hot situation, where any other plant would soon die. Plants low growing or creeping, 6 inches high.

- Single Mixed**. Packet, 5c; $\frac{1}{4}$ ounce, 15c; 1 ounce, .50
- Double Mixed**. Packet, .10



Poppies

Poppies are steadily regaining their old-time popularity. This is not strange when we consider their wonderful variety and brilliant, dazzling colorings. Few flowers have the same grace of stem, airiness of poise, and delicacy of tissue.

ANNUAL VARIETIES

- Danebrog.** Scarlet, white spot at base of each petal; single. Pkt. 5c; $\frac{1}{4}$ oz. .15
- Mephisto.** Scarlet, spotted dark violet; single. Packet, 5c; $\frac{1}{4}$ ounce, .15
- Mikado.** Brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum; very distinct; double. Packet, 5c; $\frac{1}{4}$ ounce, .15
- Miss Sherwood.** Satiny white, upper half of corolla silky chamois rose; a combination of rare delicacy; single. Packet, 5c; $\frac{1}{4}$ ounce, .15
- Peony Flowered.** Imposing double globular flowers. Packet, 5c; 1 ounce, .20
- Santa Rosa.** A strain of Shirley Poppy having all the delicate beauty in color of the original type, while the whole flower, in all of its petals, is beautifully crimped; single. Packet, 5c; $\frac{1}{4}$ ounce, .10
- Shirley.** The charming Shirley Poppies, originated by the Rev. W. Wilks in his garden at Shirley Vicarage, are among the most useful and popular garden flowers. We have the Wilks strain, which includes an almost endless variety of colors, from pure white, through pink, terra cotta, salmon, chamois, and rosy carmine to brilliant crimson, many of the flowers being beautifully flaked or edged with white; single. Packet, 5c; $\frac{1}{4}$ ounce, 10c; 1 ounce, .30
- Tulip.** Very striking dazzling scarlet; single; height 18 inches. Packet, .05
- Virginia.** Large, beautifully fringed, single flowers of pure white, edged with soft pink; exquisite. Packet, 5c; $\frac{1}{4}$ ounce, .25
- White Swan.** Very large double flowers of purest white, petals deeply fringed. Packet, 5c; $\frac{1}{4}$ ounce, .15
- Dallwig's Special Mixture.** Comprises all the single and double annual Poppies described above, making a splendid display. Pkt., 5c; $\frac{1}{4}$ oz., 10c; 1 oz., .30

PERENNIAL VARIETIES

- Iceland.** (Nudicaule.) These Poppies are perfectly hardy and produce in endless profusion flowers of very graceful, neat habit, with slender stalks about a foot high, in yellow, white, and orange-scarlet; useful for cutting. Packet, .05
- Oriental.** Oriental Poppies! What a gorgeous image rises at the sound of those magic words! The largest poppies in the world, their brilliant flowers produce a magnificent effect in shrubberies and herbaceous borders.
- Orientele.** Showy scarlet with a black blotch on each petal. Packet, .05
- Oriental Hybrids.** This strain is the result of careful hybridisation and selection. Many of the flowers exceed the type in size, while the colors vary from blush white to orange and deep ruby red, including a large percentage of art shades approaching that known as 'old rose'. Packet, .10

Pennisetum hA

- Rueppelianum.** Purple Fountain Grass. Has long, feathery, graceful purplish plumes; much used to border Canna beds. Packet, 5c; $\frac{1}{4}$ ounce, .20

Pinks. See Dianthus.

Hardy Primrose. See Auricula.

**Pyrethrum hP**

- Hybridum.** Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color from light pink to deep red, with bright yellow centers. .10
 —**Aureum.** Golden Feather or Feverfew. Yellow foliage, for edging. Pkt., .05

Primroses S

- Chinensis.** Chinese Primroses are lovely and useful plants for pot culture and bloom most freely during winter and spring. Our seed is from the best European growers, remarkable for large fringed flowers of brilliant colors. Pkt., .25
 —**Malacoides.** Flowers of a delicate lavender, larger than those of the Baby Primrose, on tall, graceful spikes. Packet, .15
 —**Obconica.** An everblooming Primrose which blooms during eight months of the year. One of the most useful pot plants.
 —**Gigantea.** Giant flowered mixed. Packet, .15
 —**Grandiflora.** Are more profuse in bloom, but lack the very large individual flowers of the preceding. Packet, .10

Ricinus or Castor Oil Plant hhA

A rapid growing foliage plant with large palm like leaves, much used for sub-tropical effects on the lawn, and as center plants for Carna beds.

- Borboniensis Arboreus.** 15 ft. Immense plants, green foliage. Pkt. 5c; oz. .15
 —**Gibsoni.** 5 ft. Bronzy mulberry-colored stems and foliage. Pkt. 5c; oz. .15
 —**Sanguineus.** 6 ft. Green leaves, blood-red stalks and fruit. Pkt. 5c; oz. .15
 —**Zanzibariensis.** 10 to 12 feet high, with leaves measuring about 30 inches across and ranging in color from bright green with green stems to deep bronze with dark red stems, all having a brilliant luster. Pkt. 5c; oz. .15
 —**Mixed.** Many sorts. Pkt. 5c; oz. .10

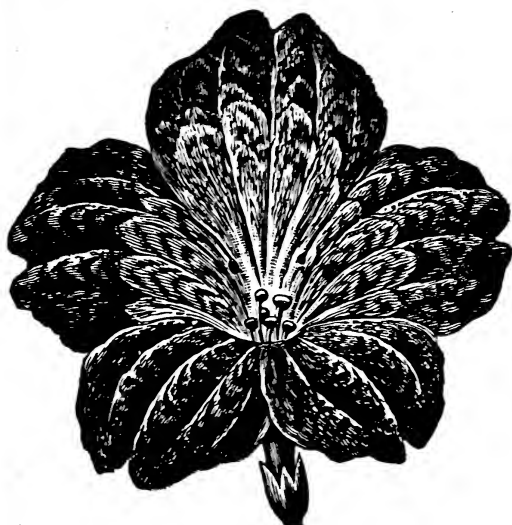
Schizanthus hA

Butterfly or Fringe Flower. This is one of the airiest and daintiest flowers. The floescens is such as to completely obscure the foliage, making the plants a veritable pyramid of the most delicate and charming bloom. Packet, .10

Giant Snapdragon hhP

Snapdragons were a feature of the old fashioned garden. Then for a time they were neglected, but presently, when the improved new sorts appeared, they became one of the most fashionable bouquet flowers. Today they are being raised in gardens everywhere, since the splendid flower spikes appearing all summer are as valuable for bedding effects as for cutting. The flowers of our giant strain are very large and are produced on immense, long spikes, making them particularly valuable as cut flowers. For summer bedding the simplest course is to treat Snapdragons as half hardy annuals, sowing seed in February or March, shifting to pans or boxes as may be necessary.

- Crescia.** Deep scarlet. —**Luteum.** Yellow. Packet, .05
 —**Queen Victoria.** Pure white. —**Venus.** Clear delicate pink on white ground. Packet, .05
 —**Mixed.** Packet, 5c; $\frac{1}{2}$ ounce, 25c; 1 ounce, .75



Salpiglossis



Scabiosa

Salpiglossis hhA

Highly ornamental plants with large, veined, funnel-shaped flowers, much prized for cutting, and very showy in beds and borders. A bed of these beautiful plants is one of the most striking features of the garden in July and August —**Emperor**. A new class of strong, erect growth, bearing gorgeous flowers of the finest markings; 2 feet.

Packet, 5c; $\frac{1}{4}$ ounce .20

Salvia hhA

Flowering Sage. This is one of the most desirable plants for decorative purposes, either used alone or with other plants. The flowers are of the most brilliant, dazzling scarlet, produced in endless profusion until late in the fall. —**Splendens**. Bright scarlet; 3 feet.

Packet, .05

— —**Bonfire**. Clara Bedman. Handsome globular bushes; the spikes grow erect and stand clear above the foliage; 2 feet.

Packet, .10

— —**Zurich**. Compact and rather dwarf of growth. Produces its large, brilliant spikes considerably earlier than other sorts, continuing till frost. Packet, .10

Scabiosa hA

An old fashioned but most attractive flower. Its abundance and long succession of richly colored, fragrant blossoms on long stems make it one of the most useful decorative plants of the garden. Desirable for cutting as well as for beds and borders. Flower heads about 2 inches across; flowerets double, surrounding thimble-shaped cone, giving a fancied resemblance to pin cushion. —**Large Flowering Mixed**.

Packet, 5c; $\frac{1}{4}$ ounce, .15

—**Snowball**. White. —**The Fairy**. Sky-blue.

Packet, 5c; $\frac{1}{4}$ ounce, .20

Solanum G

—**Capsicastrum Nanum**. Jerusalem Cherry. Fine for pots. Fruit about the size of a cherry, and of bright scarlet color.

Packet, .05



Sweet Peas

To grow exhibition flowers of Sweet Peas observe carefully these directions: Early planting is one of the chief factors of success, as early as soil conditions will permit. Select a light open position and dig trenches 18 inches deep and as wide. On the bottom of these place a 3-inch layer of well rotted manure, follow with 4 to 6 inches of soil, then another layer of manure, and top off with soil to which a little bone meal has been added. Plant the seed in this top soil not less than two inches deep. The plants should be thinned to stand about four inches apart, and the soil slightly hilled up to them. When they are about five inches high, provide support for the vines, either brush, wire netting or twine. Cultivate regularly once a week, and water copiously in dry weather. When buds are setting mulch the plants, preferably with rotted manure; give an occasional application of liquid manure during the flowering season, applying same after a rain or thorough watering. Keep the flowers picked; never allow any to form seed pods, as this will surely cause them to stop flowering. If attacked by plant lice, spray with nicotine.

ORCHID-FLOWERED OR SPENCER TYPE SWEET PEAS

The Spencers are of exceptionally large size with wavy standard and wings, a large percentage bearing four of these immense blossoms to the stem.

Oz. 1 lb

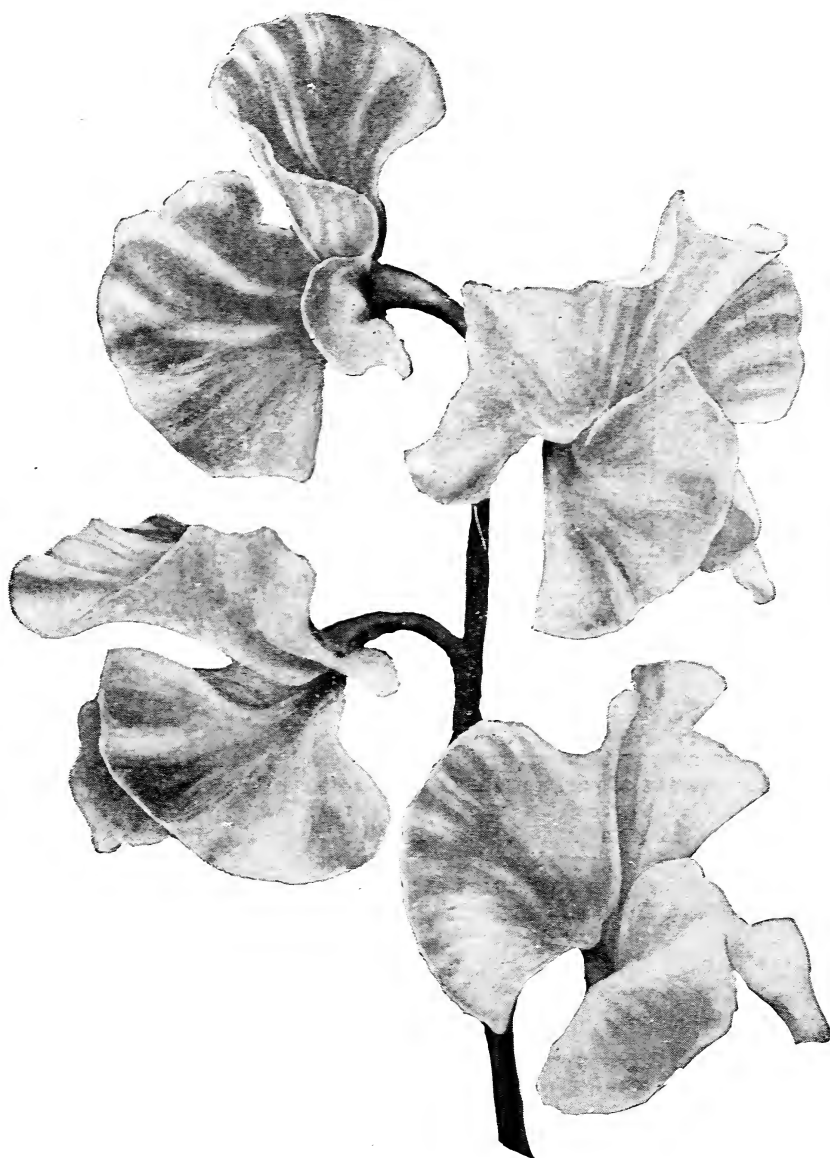
- | | |
|---|--------------|
| —Apple Blossom. Shaded deep pink and soft rose on white..... | } .45 1.50 |
| —Asta Ohn. Charming soft lavender, suffused with mauve..... | |
| —Blanche Ferry. Rose-pink standard; wings white, tinted light pink | |
| —Constance Hinton. Immense size, beautifully frilled glistening white | |
| —Countess Spencer. Soft rose-pink, shading a little deeper at edges | |
| —Elfrieda Pearson. Large pale pink, the young flowers tinted buff.. | |
| —Etta Dyke. Exquisite pure white..... | |
| —Florence Nightingale. The largest and finest pure lavender..... | |
| —Hercules. A larger, deeper Countess Spencer; of giant size..... | |
| —Illuminator. Rich salmon-orange, overlaid with bright cerise-pink | |
| —King Edward. Bright crimson-scarlet, of great size and substance | |
| —King White. Gigantic flower of glistening white, faultlessly frilled | |
| —Margaret Atlee. Salmon-pink on creamy buff ground; beautiful.. | |
| —Mrs. Routzahn. Buff or apricot ground suffused with delicate pink | |
| —Othello. A beautiful rich deep maroon..... | |
| —Primrose. Primrose or creamy yellow..... | |
| —Stirling Stent. Rich glowing deep salmon, suffused with orange.. | |
| —Thomas Stevenson. Brilliant orange-scarlet of great size; striking | |
| —Wedgewood. A beautiful wedgewood or bright silvery blue..... | } .35 1.00 |
| —White Spencer. Large pure white..... | |
| —Spencer Mixed. These are 'Spencers Mixed', not 'Mixed Spencers' | } .35 1.00 |
| that is, the mixture is carefully made up of the named sorts above | |

Any Spencer variety, 10c per packet.

—Grandiflora Mixed. The Grandifloras are an older type than the waved sorts, and the flowers are not so large, but they are foremost in ease of culture and perfume. Our mixture is prepared from a well-studied and carefully arranged formula.

Packet, 5c; ounce, 10c; ½ pound, 30c; pound, 1.00

—Dallwig's Best Mixed. This mixture made by combining Spencers and Grandifloras in carefully considered proportions. Pkt., 5c; oz., 15c; ½ lb, 40c; 1 lb, 1.50



Spencer Type Sweet Peas



Stocks

Stocks hhA

These are among the best and most popular of annuals. In brilliancy of color and sweetness of perfume they are unsurpassed.

—**Giant Perfection.** Almost a perpetual bloomer; flowers very large and double. White Pink Crimson Light Blue Dark Blue Canary Mixed. Pkt., .05

—**Bismarck.** Of robust, pyramidal growth, producing many long flower spikes, with large, perfectly double flowers. White, rose, lavender, or mixed. .10

—**Mammoth White Column.** Snow white; distinguished by magnificent, gigantic double flowers, borne on very long stems, fine for cutting. Packet, .10

—**Princess May.** Wallflower-leaved, large pure yellow. Packet, .10

—**Beauty of Nice.** A handsome winter stock, bearing in profusion large, sweet-scented flowers, fine for cutting; mixed colors. Packet, .05

Sweet Sultan. See Centaurea.

Sweet William. See Dianthus.

Thunbergia. See Climbing Vines.

Sunflower. See Helianthus.

**Verbena hA**

The Verbena is one of the most effective bedding plants, unrivalled in the splendor of its dazzling brilliancy of flowers; of low growing decumbent habit, a constant bloomer, excellent for borders and window boxes.

- Fine Mixed.** Packet, .05
- Mammoth.** Extra large flowered; seed saved from perfect flowers only.
White Pink Scarlet Purple Mixed. Packet, .10

Vinca tP

- Rosea.** (Periwinkle). Ornamental free blooming plants with dark laurel-like foliage and handsome salver shaped flowers in pink and white. Packet, .05

Viola—Sweet Violet hhP

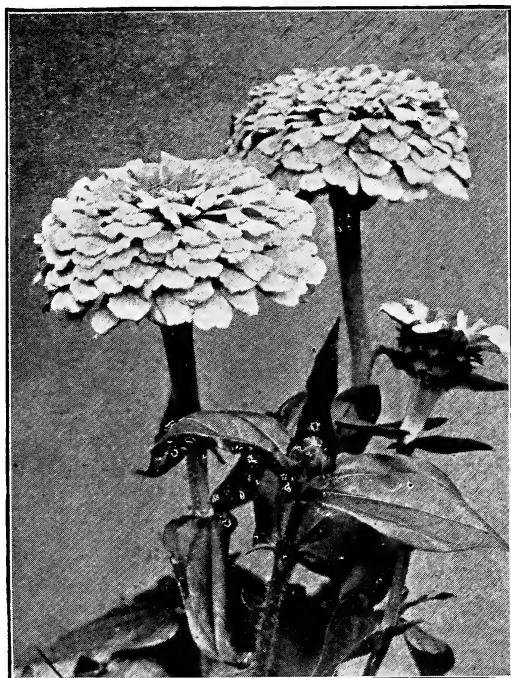
There is probably no plant that can equal the Sweet Violet for delicate and delicious fragrance. It always has been and always will be a prime favorite.

- Semperflorens.** Everblooming, sweet scented, blue. Packet, .05
- Viola Cornuta.** See Pansies.

Wallflower hhP

The conspicuous spikes of the double German varieties have a charming effect, while the more bushy growth and profuse blooming of the single ones render them exceedingly attractive.

- Single Mixed.** Packet, .05
- Double Mixed.** Packet, .10



Zinnia hA

Few flowers are so easily grown from seed sown in open ground, or bloom so abundantly and continuously as this hardy annual. Marvelous improvement has been wrought in the newer strains. During the month of August Zinnias are almost incomparably bright. We recommend a free use of them for groups, beds, borders, garden lines, and summer hedges. Average height, 2 to 2½ feet.

—**Giant Flowered Mixed.** This is a mixture of the largest Zinnias; plants are of vigorous growth and very profuse of bloom. The flowers are extremely double, and very brilliant in color, showing shades not found in any former collection. Be sure to include this in your order.

Packet, 5c; ¼ ounce, .30

— — **Crimson.**

Packet, 5c; ¼ ounce, .25

Mixed Flower Seed

This contains many desirable sorts, and is well adapted for use by woodland walks, and naturalizing purposes, as well as general garden work. .05

SEEDLING FLOWER PLANTS

We furnish, in due season, seedling plants of the following annuals:—
Aster, Branching. Calendula. Carnation, Margaret. Cosmos. Petunia. Phlox.
Salvia. Stocks. Verbena. Zinnia.



CLIMBING VINES FROM SEED

There is no other class of plants that possesses quite so much grace and poetry as pretty trailing or climbing vines. It has been truly said that they are Nature's drapery. They add beauty and attractiveness to the plainest dwelling and should be lavishly trained over windows, porches, and porticos, or wherever they will add finish and effect. They should not be confined to the house alone; outhouses, as barns, henneries, etc., may be attractively covered, and much that is inartistic concealed

Adlumia hB

—**Cirrhusa.** Allegheny Vine. A graceful hardy biennial climber. The feathery foliage closely resembles that of the Maiden Hair Fern; the flowers are tube-shaped, flesh-colored. The foliage furnishes beautiful material for cut. .10

Balloon Vine hhA

Remarkable for its inflated membranous capsules; flowers white. Pkt., .05

Scarlet Runner Bean hhA

Cultivated chiefly for the beauty of its flowers, though it is also a useful vegetable; keep the seed pods picked; height 6 to 10 feet. Packet, 5c; 1 lb., .40

Canary Bird Vine hhA

One of the most charming climbers, bearing an abundance of bright yellow fringed flowers; 10 feet. Packet, 5c; $\frac{1}{4}$ ounce, .15

Cypress Vine

Graceful airy foliage and star-shaped flowers. Packet, .05

Cobaea Scandens

A rapid growing climber, sometimes attaining a height of 30 feet a season. Flowers bell-shaped, first green, changing to a deep blue-violet. Packet, .05

Dolichos or Hyacinth Bean hA

Of quick growth, the foliage dense and handsome, the flowers abundant and pretty, and the seed pods shining, large, of a purple-violet color. Packet, .05

Ornamental Gourds hhA

All of this climbing genus are of rapid growth and produce fruit of peculiar and varied form. Mixed. Packet, 5c; 1 ounce, .25

Humulus—Japanese Hop hA

It resembles in habit our common hop, but the foliage is more deeply cut, and very dense. An extremely rapid grower. Packet, .05

Ipomoea

—**Coccinea.** Star Ipomoea. Small scarlet flowers in great profusion. Pkt., .05

—**Imperialis, or Japanese Morning Glory.** The flowers are of exquisite beauty in form and coloring and of enormous size. Packet 5c; 1 ounce, .20

—**Fancy Frilled and Fringed.** This mixture contains a finer and larger collection of colors with larger flowers, more frilled than the ordinary mixture. The colors vary from pure white to rose, crimson, and carmine, through blues and purples to almost black, some being mottled, striped, penciled and bordered in infinite variety. Packet, 10c; 1 ounce, .30



Ipomoea

—**Cardinal Climber.** This glorious and absolutely distinct new annual climber is undoubtedly the greatest acquisition in years, and the most beautiful and brilliant climber ever grown. It is a strong and rapid grower, attaining a height of twenty-five feet, with beautiful fern-like lacinated foliage, and literally covered with a blaze of fiery cardinal red flowers from midsummer to frost. The flowers are about 1½ inches in diameter and are borne in clusters of from 5 to 7 each. Sow after May first in sunny situation and rich soil. Packet, .10

Lathyrus hP

—**Latifolius.** Hardy Sweet Pea. Showy, free-flowering, fine for cut. Packet, .05

Lophospermum tA

—**Scandens.** Excellent for hanging baskets; flowers rosy purple. Packet, .05

Maurandia hhP

A climber with tube-shaped flowers which last until late fall. Packet, .05

Mina Lobata hhA

The flowers appear on fork-like racemes rising almost erect out of the dense and luxuriant foliage, buds are at first bright red, but change through orange-yellow to yellowish white when in full bloom; leaves three lobed. Packet, .10

Momordica hhA

—**Balsamina.** Balsam Apple. A rapid growing climber with beautiful, warted, apple-shaped fruit, of a rich golden yellow color, which opens when ripe, disclosing the seeds encased in a carmine covering. Packet, .05

—**Charantia.** Balsam Pear. Resembles above, but is pear-shaped. Packet, .05

Moonflower tA

Large, white, fragrant flowers; start indoors. Packet, .10

Morning Glory

—**Mixed.** Packet, 5c; ounce, 15c; ½ pound, .40

Nasturtium. See page 43.

Passion Flower hhP

—**Coerulea.** Handsome rapid climber for greenhouse decorations and sunny positions in the open ground in summer; light blue. Packet .05

Smilax G

Useful greenhouse climber, 8 to 10 feet; foliage small, glossy green. .05
Sweet Peas. See pages 50 and 51.

Thunbergia tP

—**Alata.** A very pretty, rapid growing, tender perennial climber that is usually grown as an annual; prized for window-boxes, vases, hanging-baskets, trellises etc. Known as Black Eyed Susan. Mixed. Packet, .05

Wild Cucumber hA

Useful climber where a rapid and vigorous growth of vine is desired. Has abundant foliage and is thickly covered with sprays of small white, fragrant flowers, followed by numerous prickly seed pods. Packet, 5c; 1 ounce, .15



SUMMER FLOWERING BULBS AND PLANTS

Dahlias

No flower can equal the Dahlia during its season in August and September for brilliance and purity color, variety of form, and profusion of bloom.

After some years of comparative neglect, the Dahlia is steadily regaining its old-time popularity. This is not strange when we consider the wonderful advances which have been made in variety, size, keeping qualities and length of stem. Their brilliant coloring and wonderful variety make them effective as garden plants or for cut.

The varieties which we offer have been selected for their free and continuous flowering qualities, purity of color, and perfection of form. The amateur who wishes to collect a limited number of varieties each the best of its type and color, may do so from our list with every assurance that none will prove inferior. Our collection is constantly being enlarged by the addition of meritorious novelties. Place orders early to assure complete selection. Should our stock of some varieties become exhausted, we shall substitute similar varieties of equal or greater merit than those ordered, unless requested not to do so. We send out only strong field roots.

Cultural Directions

For the successful culture of Dahlias, 3 points must be carefully observed, and any failure may usually be attributed to neglect to follow one or more of these:—

I. Plant late.

II. Plant well separated tubers and prune rigidly.

III. Do not plant in rich soil or overfeed.

I. Dahlias will not produce the best blooms until August, no matter how early you plant them. If planted too early the growth will be considerably advanced by July or August. If the weather at that time is ordinarily hot, the chances are that the growth will be checked, and disappointment will follow. Furthermore, too early planting, when the ground is cold, makes hard, woody growth; then the plants are all foliage and no flowers. A good date is the beginning of June, and planting as late as July has proved wonderfully successful.

II. Planting too many tubers in a hill has a tendency to make Dahlias run to foliage, at the expense of bloom. As soon as the shoots appear, remove all but two or three of the strongest.

III. Dahlias require an open, sunny position, and will do better in light, sandy soil, but it is a mistake to suppose that the soil must be rich; in fact, it is better to use no fertilizer until the plants are about 20 inches high, then mulch with 4 inches of well rotted stable manure, and this should be kept constantly moist. When the buds have set, give an occasional application of liquid manure.

Keep the soil between the plants well stirred; provide stakes to support the plants; and always remove faded flowers promptly. Do not crowd the plants, but give them about 2½ feet each way.

About September 1, we issue a catalog of spring flowering bulbs for fall planting, listing Hyacinths, Narcissi, Tulips, Lilies etc. Ask us to reserve a copy for you.



DECORATIVE DAHLIAS

These are the large flowering Dahlias with loose, open outline, flat rather than ball-shaped, with broad, flat petals. They are especially valuable for decorative work as they are strong vigorous growers and can be cut on long stems.

—**Beloit.** Crimson-carmine, shading deeper towards the center, very large and double, of perfect form, the flowers held well above the foliage on long, strong stems. Each, .25

—**Catherine Duer.** Flowers of immense size, open out flat, and show no center. Color the most beautiful glowing red. Each, .25

—**Delice.** The finest pink Decorative Dahlia, excellent in form, perfect in type, superb yet delicate in coloring, it must appeal at once to everyone. Bright pink suffused with lavender-pink. Each, .25

—**Golden West.** The finest yellow Decorative Dahlia; the petals are cleft at the tips, making the flower resemble a chrysanthemum. The color is a bright clear primrose-yellow. Each, .25

—**Hortulanus Viet.** A giant flower of splendid form and of delicate shrimp-pink color, the tip of each petal lightly touched with gold; the whole flower suffused with tints of red and yellow, producing a softness and glow of unusual beauty. Each, .75

—**Hortulanus Witte.** A very large, long stemmed, free-flowering, pure white; a splendid cut flower and exhibition variety. Each, .35

—**Jack Rose.** The color is that of the universal favorite the Jack Rose (General Jacqueminot), from which it derives its name, that rich velvety crimson which appeals so strongly to everyone. Its form is that of an open rose, but always well filled in the center. An ideal cut flower. Each, .25

—**Miss Minnie McCullough.** This is a splendid variety; color is soft yellow overlaid with bronze; a beautiful autumnal tint, particularly handsome under artificial light. Each, .20

—**Mme. Van den Daele.** A charming soft rose with deeper markings, shading to white in the center. Each, .20

—**Souvenir de Gustave Doazon.** The largest Dahlia, simply tremendous in size, yet it impresses one with grace, beauty, and elegance, and never fails to make friends; color a rich scarlet. Each, .20

—**Sylvia.** The fine, shapely flowers are set on very long stems. Of fine form and full to the center, which is white, shading to soft pink at the rim. Each, .15

—**Virginia Maule.** A most delicate blush or shell pink. The immense flowers are borne with stately grace on long, erect stems. An early and profuse bloomer. Each, .20

—**Yellow Colosse.** Flowers of very large size, of perfect form, pure primrose-yellow. Each, .15

—**King of the Autumn.** Very large, well formed flowers held erect on stems up to 3 feet and of the stiffest material found in any dahlia. They are of a beautiful shade of burnt amber, with a slight tinge of old rose, the most pleasing shade seen in recent introductions. Each, .50

—**Mina Burgle.** A rich, luminous, dark scarlet, on long, stiff stems; splendid both for cutting and garden decoration; very free flowering. Each, .35

**CACTUS DAHLIAS**

The petals of this class are very long, pointed, and beautifully twisted. They are divided into two classes: True Cactus, with petals long, narrow, incurved or twisted, with sharp points. Hybrid Cactus, with shorter, broader, flatter petals, not so pointed. This type is at present most popular.

—**Countess of Lonsdale.** True Cactus. Beautiful salmon-pink; very large. Most profuse bloomer; one of the best. Each, .15

—**Else.** The base of the petals is of buttercup yellow, gradually passing to amber, finished with a tip of tyrian rose. Each, .20

—**Etendard de Lyon.** Hybrid Cactus type, distinct in shape from others. The petals are broad, curled and wavy, and form a flower fully 6 inches in diameter and 4 inches deep; a very large flower, yet without any stiffness or formality; salmon-rose color, shading to old gold in center. Each, .35

—**Golden Gate.** Hybrid Cactus. Of rich deep golden yellow suffused and shaded fawn Each, .35

—**Kalif.** Hybrid Cactus. The truly majestic flowers of this remarkable German introduction attain the unusual size of 8 inches in diameter, borne on long, stiff, erect stems. They are of perfect form, brilliant scarlet in color, slightly shaded terra cotta. Most effective for cutting or garden decoration. Each, .50

—**Kriemhilde.** True Cactus. Color a fresh delicate pink, shading to white in the center; of perfect form, profuse bloomer. Stem is strong, holding the flower up well, making it especially fine for cut. Each, .20

—**Marguerite Bouchon.** True Cactus. Beautiful shade of soft, yet brilliant light pink, with large white center and white tips. The largest pink Cactus Dahlia; of perfect form; wonderfully productive; probably the most beautiful among the Cactus. Each, .50

—**Master Carl.** Hybrid Cactus. Very large flower of perfect form, with gracefully curved petals; bright amber. Each, .20

—**Rheinkoenig.** Hybrid Cactus. Pure snow-white flowers of splendid form, five inches and over in diameter. These are of great substance, lasting splendidly when cut. They are borne on long, stiff stems held well above the foliage, making it as valuable for garden decoration as for cut. Each, .25

—**Thuringia.** True Cactus. Clear, bright, fiery red. Each, .15

—**Winsome.** A fine pure white, of beautiful form, with twisted, incurved petals; long, erect stems Each, .20

—**Wolfgang von Goethe.** Hybrid Cactus. A large, well formed bloom of rich apricot color with carmine shadings. Each, .35

—**Wodan.** Bold, large, but not coarse flower, frequently 7 inches in diameter; a graceful arrangement of semi-incurved, tubular petals of a pleasing, delicate salmon-rose color, shading to old gold in the center. Each, .35c

SHOW DAHLIAS

Perfectly double, globular or ball-shaped, with quilled, incurved petals.

—**A. D. Livoni.** Beautiful soft pink, full to the center; early and profuse. .15

—**Bon Ton.** Deep garnet. Each, .15

—**Chas. Lanier.** Rich deep yellow; very profuse. Each, .15

—**Dorothy Peacock.** Large, perfect flower of bright sea-shell pink. Each, .20

—**Grand Duke Alexis.** Large, massive flowers, ivory white with a faint tinge of rose. Each, .20

**PEONY DAHLIAS**

The extra long, wiry stems of this new class of Dahlias are crowned with flowers composed of several rows of petals surrounding a conspicuous yellow disc. The petals are curiously curved, giving the flower the form of a semi double peony.

- Germania.** Brilliant carmine; fluffy, artistic flower. Each, .20
- Geisha.** Rich combination of scarlet and gold, the center being yellow, which becomes suffused with and deepens to scarlet at the center of the petals, shading lighter at the edges. Petals peculiarly twisted and curled. Each, .50
- Hon. R. L. Borden.** Large; distinct, rich, golden bronze. One of the finest of recent introductions. Each, .25
- Queen Emma.** A charming shade of hollyhock-pink, the inner petals margined with gold. A very large and magnificent sort. Each, .20
- Queen Wilhelmina.** Immense, fluffy pure white, contrasting finely with its yellow center. Very profuse bloomer. Each, .20
- Bertha von Suttner.** Beautiful bluish rose with salmon tint, very free bloomer. Each, .35
- Meyerbeer.** Purple, lined crimson; very strong stem. The largest peony dahlia in commerce; most distinct and striking. Each, .50

CENTURY SINGLE DAHLIAS

Of free-branching habit; early, profuse, continuous bloomers; flowers 4½ to 6 inches across, on very long stems; splendid for cutting.

- Crimson Century.** Rich deep crimson, shaded maroon, with rose halo around a yellow disc. Each, .20
- Rose-Pink Century.** Clear rose-pink; very large. Each, .20
- Scarlet Century.** Brilliant scarlet, with a golden disc. Each, .20
- Twentieth Century.** Intense rosy crimson, with white tips and a white disc around the yellow center. As the season advances, the flowers become lighter, changing to almost pure white suffused with soft pink. Each, .20
- White Century.** Snow-white, with large, overlapping petals. Each, .20

Caladium

One of the finest sub-tropical plants for the north. Very effective in combination with Cannas and Castor Oil Plants. Each, 15c; dozen, 1.50

Cannas

Enormous brilliant clusters of bloom borne on spikes above broad leaves of green or bronze characterize the improved Cannas of today.

- Chas. Henderson.** 4 feet. Green foliage, crimson flowers.
 - Florence Vaughn.** 5 feet. Green foliage; golden yellow, dotted with carmine.
 - King Humbert.** 4½ feet. Rich brilliant orange scarlet; massive bronze foliage
- Dormant roots, each, 15c; dozen, 1.50 Green Plants, each, 30c; dozen, 3.00

Cinnamon Vine

This charming climber has beautiful glossy heart-shaped leaves, and delicate small white flowers of most delightful odor. Each, 10c; dozen, 1.00

Hyacinthus Candicans

Excellent in combination with scarlet Gladioli. Flowers bell-shaped; pendulous, pure white, slightly fragrant; 4 feet high. Each, 10c, dozen, 1.00



Gladiolus

The Gladiolus is one of the most decorative plants in the garden, and as a cut flower lends itself readily to any arrangement. If the spikes are cut when the lowest flower is in bloom, the others will open in succession and remain fresh a week or ten days. No flower has gained more rapidly in public favor than the Gladiolus; this could not well be otherwise, for in addition to the great intrinsic merit of the flower, it is very easy to grow. Gladioli will thrive in almost any good soil except a stiff clay. They require full sunlight, and are liable to injury only from rank manure. Plant them 6 to 9 inches apart and 3 inches deep.

—**America.** Beautiful soft flesh pink, very light, slightly tinged with lavender, which gives it the delicate coloring of a lœlia; strong erect spike of the largest flowers, set to show to the best advantage.

—**Augusta.** Pure white, with blue anthers.

—**Baron J. Hulot.** Rich velvety violet-blue; in combination with yellow it is truly exquisite. Tall and slender.

—**Attraction.** Deep, rich crimson, with a very conspicuous large, pure white center and throat. A most beautiful and attractive sort.

—**Empress of India.** Rich dark maroon, almost black; a rare color.

—**Europe.** The best pure white; very large and free flowering.

—**Fireking.** Long graceful spikes, showing half a dozen immense blooms open at the same time. Color intense fiery scarlet, more brilliant than any other.

—**Halley.** Large flowers of lovely salmon-pink, lower segments blotched yellow with carmine markings.

—**Kunderdi Glory.** The broadly expanded, wide-open flowers all face in the same direction and are carried on straight, stout stalks, fully 3½ feet. Each petal is exquisitely ruffled and fluted. The color is a delicate cream-pink, with a most attractive crimson stripe in the center of each lower petal.

—**May.** Pure white, flaked rosy crimson.

—**Mrs. Francis King.** Always very vigorous and healthy, free from disease in bulb and leaf; has a long effective flower spike, with individual flowers 4 inches across, and with 5 or 6 flowers open on a spike at one time; color is a brilliant vermilion-scarlet, very effective both in daylight and under artificial light.

—**Mrs. Frank Pendleton.** One of the most exquisitely colored and formed Gladiolus in our entire list. The color is a delicately flushed salmon-pink, extending to the reverse side of the petals as well as to the center; the beauty is enhanced by a rich maroon blotch on the three lower petals. The very large blooms are wide open and are arranged individually on the very slender but wiry stems.

—**Niagara.** In type this resembles America. Delicate cream-yellow with the two lower petals blending to canary yellow; throat is splashed with carmine; very large, open flowers on tall, straight spikes.

—**Panama.** A seedling of America which resembles the parent variety in every way except that it is a deeper pink. A grand sort which evokes words of praise wherever exhibited. Spike very long with flowers large and well arranged.

—**Peace.** Immense pure white flowers with a touch of pale carmine-violet in the lower petals, on tall, graceful spikes; beautiful and refined variety.

—**Princeps.** One of the finest and most perfect varieties, with very broad and handsome foliage, and brilliant amaryllis-like blooms, of rich crimson with broad white blotches on the lower petals.

GLADIOLUS—Continued

- Schwaben.** Clear canary yellow shading to a soft sulphury yellow when open.
- War.** Deep blood-red with darker shadings; massive spike, tall and striking.
- Wild Rose.** A remarkable variety, ranking with the very best Color is a very bright rose, exceedingly delicate and pretty.
- Popular Mixture.** This mixture insures a wide range of colors and shades; all common sorts have been eliminated.
- Dallwig's Special Collection of Gladioli.** We put up this magnificent collection to meet the demand of many of our customers who want something decidedly better than the usual run of mixtures. It is the highest quality blending of the many excellent named varieties offered by us, and will insure exceptionable results.

Price List of Gladioli

| | Ea. | Doz. | 100 | | Ea. | Doz. | 100 |
|---------------------|-----|------|------|-------------------|-----|------|------|
| America..... | 07 | 70 | 5 00 | Mrs. F. Pendleton | 10 | 1 00 | 8 00 |
| Attraction..... | 07 | 70 | 5 00 | Niagara..... | 10 | 1 00 | 8 00 |
| Augusta..... | 07 | 70 | 5 00 | Panama..... | 10 | 1 00 | 8 00 |
| Baron J. Hulot..... | 10 | 1 00 | 7 00 | Peace..... | 10 | 1 00 | 8 00 |
| Empress of India... | 10 | 1 00 | 8 00 | Princeps..... | 10 | 1 00 | 7 00 |
| Europe..... | 10 | 1 00 | 8 00 | Schwaben..... | 12 | 1 20 | 8 00 |
| Fireking..... | 10 | 1 00 | 7 00 | War..... | 12 | 1 20 | 8 00 |
| Halley..... | 07 | 70 | 5 00 | Wild Rose..... | 10 | 1 00 | 7 00 |
| Kunderdi Glory.... | 10 | 1 00 | 8 00 | Popular Mixture. | 04 | 40 | 2 50 |
| Mrs. Francis King. | 07 | 70 | 5 00 | Dallwig's Special | | 85 | 6 50 |

Lilies

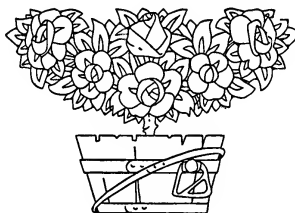
- Auratum.** Ivory white, studded with crimson spots; gold band in center. .35
- Speciosum Album.** Pure white, recurved petals. Each, 35c; dozen, 3 50
- Rubrum.** White with deep rosy band, and deeper colored spots. Each, .35
- Tigrinum.** Tiger Lily. Orange-red, spotted black. Each, 15c; dozen, 1 50

Madeira Vine

- A rapid growing graceful vine, with smooth, waxy, dark green leaves, and dainty racemes of tiny, fragrant, white flowers. Each, 10c; dozen, 1 00

Tuberoses

- Double Dwarf Pearl.** Pure white, delightfully fragrant. Each, 5c; dozen, .50





Select List of Hardy Perennial Plants

We have confined this list to the most widely known and most often called for varieties, of which we have a heavy stock. In addition we have many sorts in more limited quantities. If there is any you wish, and do not see listed here, please write us; we probably have it. For convenience, this list includes also that class of plants known as Biennials, among which are some of the Campanulas, Dianthus, etc.

Achillea. Yarrow.

- Millefolium Roseum.** Finely cut deep green foliage, bright rose flowers; 2 feet.
- Ptarmica, The Pearl.** Double white, 2 feet, blooms all summer, fine for cutting.

Aconitum. Monkshood. Erect growing plants with palmately divided foliage and bold spikes of hood-shaped flowers; very effective; does well in the shade.

- Autumnale.** Purplish blue, 4 feet high, blooming in August and September.
- Napellus.** Fine rich dark blue, 3 feet, August and September.

Alyssum Saxatile Compactum. 1 foot; flat heads of bright yellow flowers in early spring; fine for borders or rockeries.

Anchusa Italica, Dropmore Variety. One of the most beautiful blue perennials, height 4 feet, forgetmenot-like blue flowers in great profusion, lasting in bloom nearly two months. Needs a light, rich, well drained soil, as it is not reliably hardy on heavy, wet soil. Planted with Miss Lingard Phlox or Coreopsis will make a lovely garden picture. Each, 25c; dozen, 2.50

Anthemis Tinctora. Golden yellow, daisy-like flowers all summer; 18 inches.

Aquilegia or Columbine

In the garden of hardy flowers the Columbines or Aquilegias deserve distinguished consideration and a place of honor. Lovely and graceful in foliage and bloom, exquisite in coloring, absolutely hardy and thrive in sun or shade. The blooming period of the various sorts extends from April to August, June being the chief month. They range in height from one to three feet.

- Alpina Superba.** Blue and white, 2½ feet, June and July.
- Californica Hybrida.** Long-spurred hybrids in various colors; 3 feet.
- Canadensis.** The native scarlet and yellow Columbine; 2 feet.
- Chrysantha.** Bright clear yellow, with very long spurs, 3 feet.
- Fl. Pl.** Double golden yellow, 3 feet.
- Coerulea.** Rocky Mountain Columbine. One of the most beautiful of our native American flowers. Sepals bright blue, petals white; long spurred.
- Flabellata Nana.** Pure white, dwarf, splendid for rockeries.
- Glandulosa.** Deep blue with white corolla; April and May; 1 foot.
- Helena.** Rich deep blue with pure white corolla; 2 feet.
- Nivea Grandiflora.** Large pure white, 18 inches high.

Bocconia Cordata. Plume Poppy. Large heart-shaped leaves and creamy white panicles in July and August; 7 feet.

Boltonia. False Chamomile. Large, single, aster-like flowers in great profusion from July to October; very showy.

- Asteroides.** White, 5 to 6 feet.
- Latisquama.** Delicate pink, suffused with lavender; 4 to 5 feet.

All Hardy Perennials, unless otherwise noted, each, 20c; dozen, 2.00

**Asters**

The chief glory of the garden in the fall is the riot of color furnished by the tumbling, billowy masses of the hardy asters in every shade of purple, violet, blue, lavender, pink, and white. All are absolutely hardy.

- Alpinus**. Mountain Daisy. Bright purple-blue, good for edging, 6 inches.
- Albus**. A white flowering form of *Alpinus*; June.
- Amellus**. Bluish-violet, large flowers of Marigold shape, September, 1½ feet.
- Longifolia Formosissima**. Bright violet, 3 feet, September and October.
- Novae Angliae**. Showy bright violet-purple, 4 feet, September and October.
- Mrs. F. W. Raynor**. Large rich crimson-purple, very profuse, 5 feet.
- Rosea**. Purplish-mauve, 4 feet.
- Novae Belgiae, Edna Mercia**. Rose, 3 feet, September and October.
- F. W. Burbidge**. Heliotrope, 4 feet.
- Madonna**. White, 3 feet.
- Robert Parker**. Exquisite pure lavender, 3 feet.
- Thos. S. Ware**. Lilac-mauve, 4 feet.
- Sub-Coeruleus**. Bluish-violet flowers 2 inches across in June and July; 1 foot.

Campanula or Bellflower

Nothing can surpass in grace the clusters of delicate blue and white flower bells that distinguish the Campanulas or Bellflowers. They are indispensable plants of much variety of form, some being of tall and imposing habit, while others are dwarf, compact little plants suitable for edging, rockwork, etc. The dominant color of this extensive and exquisite family is blue, but there are also white varieties and a few pink.

- Carpatica**. Carpathian Hare-Bell. Clear blue, 8 inches, fine for rockeries.
- Groszeki**. Rich deep blue flowers all summer; 2 feet.
- Lactiflora**. Pale blue flowers very abundantly produced in June and July; 3 ft.
- Alba**. Pure white, 3 to 4 feet.
- Latifolia Macrantha**. Purplish-blue, May and June, 4 feet.
- Medium**. Canterbury Bells. A biennial, 3 feet, June-July. White, pink, blue,
- Calycanthemum**. Cup and Saucer. Biennial; very large bell or trumpet, surrounded by a collar. White, pink, blue.
- Persicifolia**. Peach Bells. Blue salver-shaped flowers in June and July; 1½ ft.
- Alba**. A white form of the above.
- Moerheimi**. Large white semi-double.
- Rotundifolia**. Blue Bells of Scotland. 1 foot; June to August.

Chrysanthemum

- Hardy Japanese**. As cut flowers these cannot be surpassed, coming late in fall when flowers are scarce. P stands for Pompon, L for Large Flowering.
- Baby**. P Golden yellow.
- The Hub**. L Double white.
- Buickfield**. L Bright crimson.
- Victory**. L Pure white.
- Julia Lagravere**. L Rich garnet.
- Waco**. L Sulphur white.
- St. Illoria**. Silvery rose.
- Yellow King**. L Double yellow.

All Chrysanthemums, each 25c; dozen, 2.50

All Hardy Perennials, unless otherwise noted, each, 20c; dozen, 2.00



Chrysanthemum Arcticum. Pure white, daisy-like flowers, 2 inches in diameter, produced in great profusion during September and October; height 18 inches.

—**Shasta Daisy, Alaska.** Bears immense flowers of purest white; long, wiry stem.

Centaurea. Hardy Cornflower. Desirable border plant and good for cutting.

—**Dealbata.** Bright rose, July to September, 18 inches.

—**Montana.** Large deep bluish-violet flowers from July to September; 18 inches.

—**Alba.** A white form of above.

—**Orientalis.** Pretty light yellow, 2½ feet, July.

—**Ruthenica.** Pale yellow or straw colored, one of the best; 3 feet, July.

Clematis Integrifolia. Erect shrubby plants, 3 feet, indigo-blue flowers in July.

—**Recta.** White flowers borne in large, showy cluster during July, 2½ feet.

Coreopsis Lanceolata Grandiflora. A mass of golden yellow daisy-like flowers all summer, on long, graceful stems; invaluable for cutting; 2 feet.

Delphinium or Larkspur

The modern Delphinium is one of the loveliest of all the tall, blue-flowered hardy perennials. Larkspurs add a color (blue) to the garden which is none too plentiful, the foliage is graceful, and the habit stately. They bloom abundantly in midsummer, and can be had later on by cutting back immediately after blooming. Thus it is possible to have flowers right up to frost.

The blue in Larkspur flowers runs through the whole gamut from palest azure tints to the deepest and most exquisite hues of amethyst and purple, glistening with a wondrous metallic sheen peculiar to this lovely flower. Blue has the extraordinary quality of lending distance and depth to the garden, and will apparently increase its area. Planted in small groups or in great masses, as a background to the hardy border, or in combination with shrubs, they are alike beautiful. Delphinium and Madonna Lilies makes a combination which should rejoice the eyes of all flower lovers.

Delphiniums are not exacting and their culture is very simple. They do well in any ordinary garden soil, to which some well rotted manure may be added. Liberal watering, especially in dry weather, is necessary to secure blooms of greatest size and beauty. In late fall a little coal-ashes should be sifted over the crowns, to protect them from the white grub.

We confidently recommend the increasing use of Delphiniums, secure in the conviction that no garden owner who once realizes the value of these glorious flowers would ever dispense with them.

—**Belladonna.** Azure blue, very beautiful, free and continuous, 3 to 4 feet.

—**Chinensis.** Dark blue, with fine feathery foliage, 1½ to 2 feet.

—**Alba.** A white flowering form of the above.

—**Elatum.** Bee Larkspur. Dark blue, extra long spikes, 5—6 ft.; one of the best.

—**Coelestinum.** Light blue.

—**Formosum.** The most popular and considered by many the best. Rich deep blue flowers with a white center, produced on long spikes. 4 feet.

—**Coelestinum.** Very beautiful large light blue; height 3 feet.

—**Gold Medal Hybrids.** The choicest hybrids, embracing light and dark shades.

—**Hendersoni.** Deepest, richest violet-blue with a distinct white center; 4 feet.

All Delphiniums, each, 25c; dozen, 2 50

All Hardy Perennials, unless otherwise noted, each, 20c; dozen, 2.00



Dianthus Barbat. Sweet William. Ours is a splendid strain of large flowering single and double sorts in a very great variety of colors; June and July; 1½ ft.

—**Deltoides.** Maiden Pink. 9 inches, fine for rockeries, single rose-pink flowers.

—**Latifolius Atracoccineus.** Hybrid Sweet William. A beautiful summer bedding variety, producing masses of brilliant fiery crimson double flowers. 1½ feet.

—**Mohrenkoenig.** Dark crimson.

—**Plumarius.** Hardy Garden Pinks with sweet, clove-scented flowers, 1 foot.

—**Pl.** Double flowering.

Dielytra Eximia. Plumy Bleeding Heart. Finely cut foliage, 1 foot.

—**Spectabilis.** The old-fashioned Bleeding Heart with long racemes of pink heart-shaped flowers in May and June; 3 feet.

Digitalis Gloxiniaeflora. This is a beautiful strain of the popular old-fashioned Foxglove, in finely spotted varieties of white, pink, and purple. July and Aug.

Echinops Ritro. Globe Thistle. Globular heads of steel-blue flowers; 4 feet.

Eupatorium. Thoroughwort. Both the foliage and the dense heads of minute flowers resemble Ageratum. Splendid for cut; bloom in August and September.

—**Ageratoides.** Pure white, 3 feet.

—**Purpureum.** Purple, 3 to 4 feet.

Funkia. Plaintain or Day Lily. Have massive foliage and lily-like flowers in terminal racemes. Effective in front of shrubbery, under trees, or any shaded position. Bloom in August, height 1 to 1½ feet.

—**Lancifolia.** Blue. —**Ovata.** Purple. —**Sieboldiana.** Lilac. —**Subcordata.** White

—**Undulata Variegata.** Foliage silvery white lined green; flowers lilac.

Gaillardia Grandiflora. Blanket Flower. Nothing imparts such gaiety and joyous exuberance to a garden as an abundance of Gaillardias. Their honest open faces greet you every day from July to October. How they revel in the sunshine! What tumbling, billowy masses of red and yellow! A garden without Gaillardias would be like a home without the merry voices of happy children.

Geum Coccineum, Mrs. Bradshaw. Large brilliant crimson-scarlet buttercup-like double flowers all summer; height 15 inches. Suitable for borders or rockeries.

Grasses, Hardy Ornamental. These may be effectively used in the hardy border, and are particularly fine along the margins of streams, ponds, and lakes. All prefer a heavy but rich soil, and an abundance of water.

—**Arrhenatherum bulbosum folia variegata.** Green and white, 6 to 8 inches.

—**Elymus Glaucus.** 2 feet, narrow glaucous silvery foliage.

—**Eulalia Gracillima.** Japan Rush. Arching narrow green foliage, 5 feet.

—**Japonica Variegata.** Long narrow leaves, striped green and white; 5 feet.

—**Zebrina.** Zebra Grass. Green foliage with horizontal yellow bands; 5 ft.

—**Phalaris Arundinacea Variegata.** Variegated Ribbon Grass. 12 to 15 inches.

Gypsophila Paniculata. Baby's Breath. Gauze-like minute white flowers in July and August. 2 to 3 feet.

Heliopsis. Similar to Helianthus, dwarfer and earlier, 3 feet. July and August.

—**Pitcheriana.** Deep golden yellow.

—**Scabra Major.** Orange.

Heuchera Sanguinea. Graceful arching sprays of small coral-red blossoms, rising to a height of 1½ feet; splendid for rockeries. June to August.

All Hardy Perennials, unless otherwise noted, each, 20c; dozen, 2.00



Helenium. Sneeze-wort. Among the best of the hardy perennials blooming during August and September. Tall, stout stems with broad-spreading clusters of daisy-like flowers.

—**Autumnale Superbum.** Golden yellow, 5 feet.

—**Grandicephalum Striatum.** Dark orange striped crimson, 3 to 4 feet, July-Aug.

—**Hoopesi.** Orange-yellow, early flowering, June to August, 2 feet.

—**Pumilum Magnificum.** Smothered with yellow blossoms all summer; 1½ feet.

—**Riverton Beauty.** Lemon yellow with dark cone, 4 feet, August and September.

—**Riverton Gem.** Rich crimson-brown and old gold; 4 ft., August and September.

Helianthus. Hardy Sunflowers. These are admirable for the hardy border or for planting with shrubbery. All are fine for cutting.

—**Maximiliana.** Small flowering golden yellow, 5 to 7 feet, October.

—**Mollis.** Lemon yellow, August and September, 4 feet.

—**Multiflorus Pl.** Double golden yellow, August and September, 4 feet.

—**Soleil d'Or.** Double yellow flowers, 4 inches in diameter; 4 to 5 feet.

—**Orygalis.** Long narrow willowy drooping foliage, 6 to 7 feet, September.

—**Rigidus, Miss Mellish.** Very large semi-double flowers with very long petals of golden yellow. Blooms in September and October; height 6 feet.

—**Tomentosa.** Rich golden yellow, August and September, 4 feet.

Hemerocallis. Yellow Day Lily. Bloom during June and July, grow 3 to 4 feet.

—**Apricot.** Very distinct and pretty, rich apricot. —**Flava.** Deep lemon yellow.

—**Fulva.** Tawny Day Lily; orange.

—**Kwanso pl.** Double orange-bronze.

—**Middendorfi.** Deep orange-yellow. —**Thunbergi.** Rich lemon, later than Flava.

Hibiscus. Mallow. Noble shrub-like plants, with handsome green foliage, and bearing throughout the summer large bright flowers, from 3 to 5 inches across.

—**Crimson Eye.** Creamy white flowers with large crimson center.

—**Milltaris.** Flesh pink tinged deeper towards the center.

—**Mallow Marvels.** Enormous flowers, richest shades crimson, pink, white. .30

Hollyhocks. Among the very finest of old hardy garden plants, the Hollyhocks still hold a proud place and may be termed one of the great powers of July. They have the largest flowers and widest range of colors among tall garden plants, combined with vigor, hardiness, noble aspect, and stately beauty.

—**Double.** Maroon, pink, salmon, scarlet, white, yellow.

—**Single.** Mixed.

Iberis. Perennial Candytuft. Form dense masses of pretty evergreen foliage.

—**Gibraltarica.** Lilac, May and June, 10 inches. —**Sempervirens.** White, 10 in.

Iris. See succeeding pages.

Liatris. Blazing Star or Gay Feather. Do well in dry soils. July to September.

—**Pycnostachya.** Rosy purple, 4 feet.

—**Scariosa.** Deep purple, 3 to 4 feet.

Lily of the Valley. No garden is complete without a few clumps of these fragrant flowers. Spikes of graceful white bells, delicious fragrance. Clumps, each .25

Lobelia Cardinalis. Rich fiery cardinal, 2½ ft., Aug.-Sept. Want deep moist soil.

Lupinus. Among our most beautiful plants. Spikes pea-shaped flowers, 3 feet.

—**Polyphyllus.** Clear blue.

—**Albus.** White.

—**Roseus.** Rose.

All Hardy Perennials, unless otherwise noted, each, 20c; dozen, 2.00



The Iris

There is a peculiar charm about the Iris that appeals irresistibly to those whose taste for the refined and delicately beautiful leads them to seek close acquaintance with it. The rare and ethereal beauty of its soft, iridescent coloring and its frail, orchid-like formation are likely to pass unnoticed by the careless observer. But to him, who stops to gaze into the depths of the Iris flower, and comes under its magic spell, a new world is opened. As C. S. Harrison wrote: "You linger spellbound and fascinated. You go and come again, and keep coming. You cannot help it. They feed the soul's highest conception of beauty and are prophetic of the 'glory to be revealed' "

Iris are so easily grown that anyone may succeed. As a rule they are sun-loving plants, preferring good drainage, and may be grown in a dry soil where little else will thrive.

In arranging an Iris garden much depends on the taste of the owner. Along walks and drives, the borders of the shrubbery, and near the waterside may be found ideal locations. As a rule, broad masses of one variety look best, and wonderful landscape effects may thus be obtained. The dwarf varieties make a very pretty edging to large beds, and are very effective in front of the taller.

Iris are invaluable as cut flowers. If they are taken as the buds are about to open, and allowed to expand indoors, the colors will be much richer, and they will last a long time, for as fast as one flower fades the next bud will take its place, till all have opened.

Iris Germanica—German Iris

Under this head are included all the varieties of Iris Germanica and closely related species, with their many hybrid forms, and all their wonderful combinations of color. They are often called the "Orchids of the Garden", and well they may be, for they out rival the orchid in the delicacy and wide range of their colors. A dry, sunny location suits them best. Barely cover the rhizomes, and avoid fresh manure when planting.

S indicates the erect petals or standards; F the falls.

- Asiatica.** Very large; S pale blue, long falls of rich purple-blue. Late.
- Aurea.** S and F clear golden yellow, very fine, 4 feet.
- Blue Bird.** (Purple Queen). S and F rich violet-purple.
- Canary Bird.** S bright yellow, F deeper.
- Celeste.** S pale lavender, F deeper lavender, 2½ feet.
- Charles Dickens.** S blue, F blue veined with purple.
- Comte de St. Clair.** S and F white with wide blue border, 2½ feet; a grand sort.
- Darius.** S rich canary yellow, F lilac, margined white, 20 inches.
- Don Carlos.** S blue, F violet.
- Dr. Parnot.** S blue, F dark violet, penciled white at base.
- Flavescens.** Delicate shade of soft yellow, large, sweet scented, 30 inches.
- Florentina.** Creamy white, faintly flushed lavender; 2 feet.
- Florentina Alba.** Pearly white, free flowering, 26 inches.
- Gen. Grant.** S pale lemon; F purple striped white on lower half, edged lemon.
- Heteranth.** S bright blue, F deeper, very fine; early.
- Honorabilis.** S fine yellow, F maroon. 18 inches.
- Lady Stump.** S light blue, F dark blue.

All Hardy Perennials, unless otherwise noted, each, 20c: dozen, 2 00



- Madame Chereau.** S and F white, daintily frilled violet; 32 inches.
- Pallida Dalmatica.** S fine lavender, F clear deep lavender; large, sweet scented
- Pallida Speciosa.** S dark lavender, shaded lighter; F shaded light purple.
- Pauline.** S bright blue, F dark blue.
- Pecutum.** White, bordered light blue; tall and late.
- Pres. Thiers.** S mauve, brown base, F purple, striped white.
- Queen of May.** S lovely light rose-lilac, F lilac blended white, beautiful. 32 in.
- Rebecca.** S golden yellow, F yellow, veined brown.
- Sans Souci.** S golden, F crimson-brown. 20 inches.
- Shakespeare.** S straw-yellow, veined with burnt amber; F deep carmine-violet.
- Ulysses.** S bright yellow, F yellow, veined white.
- Victory.** S bronze, F violet., striped white, yellow at base.
- Virgin.** S pale lavender, F deep purple veined white.
- Zephyr.** Sky-blue.

Iris Pumila

These are earlier than the German and are very dwarf, only about 6 inches.

- Pumila.** S violet-blue, F deep violet-purple, white beard.
- Cyanea.** Rich royal purple, with blackish shadings.
- Eburna.** White, shaded cream. —**The Bride.** White, with creamy beard.

Iris Siberica and Orientalis

Small flowered, with narrow grassy foliage and tall stems, fine for cutting.

- Orientalis.** Brilliant blue. — **Snow Queen.** White.
- Siberica.** Purplish-blue. — **Alba.** Pure white.

Iris Kaempferi—Japanese Iris

With a great blaze of splendor the Japan Iris. the crowning glory of them all, with its great blooms rising on tall stems, brings the Iris season to a close.

- Gold Bound.** 6 large open milk white petals, bound with golden yellow at base
- Lavender Queen.** Rich lavender.
- Mahogany.** Nine long petals of rich maroon, with soft luster.
- Oriole.** Purple amaranth.

All Japanese Iris, each, 25c; dozen, 2 50

Lychnis. Also known as Lamp Flower, Maltese Cross, Jerusalem Cross, Ragged Robin, etc. A very popular class, the taller fine for cut, the dwarf for borders.

- Alpina.** Bright pink, 6 inches, April to July. Likes moist, sandy soil.
- Chalcedonica.** Brilliant scarlet, 2 to 3 feet, June to August.
- **Alba.** White.
- Haageana.** Large orange-scarlet, 1 foot, June and July.
- Viscaria.** Double dark red, 1 foot, June and July.

Mentha Crispa. Spearmint.

—**Piperita.** Peppermint.

Monarda Didyma, Cambridge Scarlet. Bee Balm, Bergamot, Oswega Tea. Foliage resembles Mint in shape and fragrance. Brilliant crimson scarlet flowers July and August; fine for massing; 2 feet.

— **Rosea.** Rose colored.

Myosotis or Forget-Me-Not, Alpestris. The large sky-blue, spring-flowering sort.

—**Palustris Semperflorens.** Everblooming, fine for low, damp positions.

Oenothera. Evening Primrose. Good for massing in sunny positions, 1½ feet.

—**Fraseri.** Rich yellow. —**Speciosa.** White. —**Youngi.** Bright golden yellow.

All Hardy Perennials, unless otherwise noted, each, 20c; dozen, 2 00



Hardy Phlox

No flower has been more wonderfully improved in recent years, and the immense size, perfect form, and beautiful colors of the newer varieties will prove a revelation to those who have heretofore seen only the old-fashioned kinds.

Phloxes are, next to the Peonies and Iris, the most useful hardy plants we have, and for late summer and autumn blooming they are indispensable. They are effective either as single specimens, in small groups, or large beds on the lawn. Massed against a background of shrubbery they produce a beautiful and harmonious contrast.

They require rich, mellow soil to produce the best effect, as they are gross feeders. To ward off disease, keep them growing thriftily by giving them an occasional application of sheep manure. In dry weather water plentifully, for they like lots of moisture. Unlike most flowers, they will thrive in partial shade, where the colors are brighter and endure longer.

- Antoinette Six. Pure white, very large.
- Beranger. Ground color white, delicately suffused rosy-pink; crimson eye.
- Bridesmaid. Pure white, with large crimson-carmine eye.
- Caran d'Ache. Geranium red, with old rose shadings and white eye.
- Champs Elysees. Large bright violet-red
- Cocquelicot. The most brilliant orange scarlet, and one of the very best.
- Eclaireur. Brilliant rosy magenta with lighter halo; fine.
- Elizabeth Campbell. Bright salmon pink with lighter shadings; beautiful.
- E. Neubert. Brilliant deep crimson; superb.
- Etoile de Lyon. Wine color.
- Frau Anton Buchner. Extra large white
- Frl. G. von Lassburg. Pure snow white, very large flower and truss; splendid.
- Gen. van Heutz. Brilliant salmon-red with white center.
- Gen. A. Strohlein. Scarlet-orange, with bright carmine eye. Very large.
- Henri Murger. Purest white, with carmine center; fine.
- Huxley. White center with a broad lilac border; distinct.
- La Vague. Large silvery rose.
- Le Mahdi. A metallic bluish violet, entirely distinct and the best of its color.
- Le Soleil. Light rose, shading to white towards the center.
- Miss Lingard. For massing no finer white. Thick, deep green, glossy foliage, surmounted by great pyramidal heads of snow white flowers with faint lilac eye.
- Mme. Paul Dutrie. Delicate lilac rose, with very large flowers and panicles.
- Mrs. Dwyer. Pure white, with bright red eye.
- Mrs. Jenkins. Enormous pure white panicles, fine for massing, early and free.
- Obergaertner Wittig. Bright magenta with crimson eye.
- Pantheon. Large deep salmon-rose, one of the very best.
- Prof. Schliemann. Mauve, with crimson-carmine center.
- Reichsgraf von Hochberg. Brilliant deep crimson, the richest of its color.
- Richard Wallace. Pure white, with maroon center, tall.
- Rijnstrom. Beautiful deep pink, not unlike the color of rose Paul Neyron.
- Rosenberg. Bright reddish violet with blood-red center.
- R. P. Struthers. Rosy carmine with claret eye; very brilliant, fine for massing
- Widar. Reddish violet with very large pure white eye.

All Phlox, each, 30c; dozen, 3.00



Peonies

These great, big-hearted flowers of June, of truly regal magnificence, are indeed worthy of a place in every garden. They are hardy as the oak, absolutely free of insect pests, and increase each year in size and beauty.

We have carefully gone over a list of the best sorts and have selected therefrom the following varieties as the choicest and best, (embracing all colors) keeping in mind size, perfection of form, fragrance, vigor of bloom, lasting qualities, and purity of color.

CULTURE:—The Peony is a gross feeder, and the richest soil is none too good. They furnish the strongest stems and largest flowers in moderately damp soils.

An excavation the full size of the bed should be made 2 feet in depth, and a layer 6 inches in thickness of thoroughly well rotted cow manure should be spread on the bottom and well spaded in. Then fill up the excavation with prepared soil, using one third sand, leaf-mold and well rotted manure and two thirds soil, rounding it up at the center, which should stand about eight inches above the level of the lawn. In setting the plants, place the crowns 2½—3 inches below the surface of the soil, and firm the earth well around the roots. After the bed is planted, it should be mulched with 3 or 4 inches of coarse, strawy manure. Peonies require a sunny position.

—**Couronne d'Or.** A late, exceedingly fragrant, ball-shaped bloom. Snow white with yellowish reflex and carmine edges on center petals. Incomparably lovely and one of the very choicest and best peonies. Each, .75

—**Delicatissima.** Pale lilac-rose; fragrant; tall grower, free bloomer. Each, .50

—**Duc de Wellington.** Large bomb, with white guards and sulphur center; late. Each, .60

—**Duchesse de Nemours.** A superb ivory white variety of finest quality; early; fragrant. Each, .50

—**Elegans.** Dark rose, with salmon center. Each, .50

—**Eugene Verdier.** The most exquisite, chaste, and refined peony. Enormous in size, globular, and literally packed with petals; blush, delicately shading to pink towards the center; deliciously fragrant, profuse bloomer. Each, 1.25

—**Faust.** Guard petals pale pink, fading to white; sulphur yellow center. .50

—**Felix Crousse.** Very large and massive, ball-shaped; dazling, brilliant ruby red, one of the very finest; late. Each, .75

—**Festiva Maxima.** One of the finest whites in existence, combining enormous size with wondrous beauty. Snow-white, with a few center petals flecked blood-red at the tips; sweet scented. Each, .50

—**Fragrans Maxima Plena.** Tender rose. Each, .50

—**Francois Ortegat.** Dark amaranth-red with golden anthers. Each, .50

—**Grandiflora Alba.** Large perfectly formed pure white, very choice. Each, .50

—**Lamartine.** Rose-carmine; the finest early pink. Each, .50

—**L'Esperance.** Lovely rose-pink; fine form, delightfully fragrant. Each, .50

—**Madame Emile Galle.** Very large cup-shaped and imbricated flower. Soft lilac, center shaded soft blush and cream. Very beautiful and distinct. Each, 1.00

—**Marie Lemoine.** A beautiful ivory white, with solid massive blooms of great size and of the finest form; very late. Each, .75



PEONIES — Continued

- Monsieur Krelage.** Very broad, bright currant or solferino red petals, with silvery tips; late. Each, .75
- Monsieur Jules Elie.** Immense, globular, double, very full, imbricated blooms on heavy stems; color an ideal glossy flesh pink, shading to deeper rose at the base, and the entire bloom covered with a silvery reflex. Very fragrant, a free bloomer, and one of the most perfect flowers imaginable. Each, 1.00
- Officinalis Rubra.** The old-fashioned early deep crimson of our grandmothers' gardens, and still one of the best and most striking for landscape use. .50
- Rubra Triumphans** Very dark crimson-maroon, large, full, early. Each, .50
- Tenuifolia.** Rich crimson double flowers and fine feathery foliage. Dwarf. .50

Oriental Poppies

Oriental Poppies! There's magic in the very name. The largest poppies in the world, 6 to 8 inches across, they are unequalled in their vivid, dazzling, barbaric splendor for color massing against a background of green.

- Duke of Teck.** Brilliant dark crimson. —**Salmon Queen.** Soft salmon-scarlet
- Royal Scarlet.** Brilliant glowing scarlet. Each, 25c; dozen, 2.50

Physostegia. False Dragon Head. Spikes of delicate tubular flowers not unlike a gigantic heather; July to September; 4 feet.

- Speciosa.** Rose pink. —**Virginica.** Lavender pink. — —**Alba.** White.

Platycodon. Balloon Flower. Very handsome plants of the Campanula family, with large open bell-shaped flowers, which in bud resemble a balloon, hence the name. Bloom in July and August, and grow 1 foot high.

- Grandiflora.** Deep blue. —**Mariesi.** Violet-blue. — —**Alba.** White.

Polemonium. Jacob's Ladder. Deep green, finely cut foliage, June, 3 feet.

- Richardsoni.** Sky blue. — —**Alba.** White.

Pyrethrum Hybridum. Be sure to try some of these beautiful perennials, often called spring flowering Chrysanthemums. Nothing can surpass them at their season for profusion of flowers, which are invaluable for cutting. Finely cut, deep green foliage, 2 feet, June. White, shades of pink. Each, 20c; doz., 2.00

- Uliginosum.** White, daisy-like flowers from August to October; 5 feet.

Ranunculus Acris. Double golden yellow Buttercup, 2 feet, May and June.

Rudbeckia. Decorative plants for shrubberies and hardy borders; fine for cut.

- Fulgida.** Orange-yellow, with black center, July to September, 2 feet
- Laciniata, Golden Glow.** 6 feet, double golden yellow, August to October.
- Maxima.** Very large bright yellow with very prominent cone, 5 ft., June-Sept.
- Newmanii.** Orange-yellow with black disc, 3 feet, July to September.
- Purpurea.** Very large reddish purple with a large brown cone; 2 to 3 feet.
- Subtomentosa.** Lemon yellow with brown disc, 3 feet, August to October.

Salvia Azurea Grand. Meadow Sage. Sky blue flowers and silvery foliage; 3 ft.

Sedum. Stone-Crop. Fine for rock gardens, banks and walls.

- Acre.** Yellow, June, 4 inches. —**Album.** White, June. —**Ewersi.** Purplish.
- Spectabilis.** Fleshy gray foliage, flat heads of rosy pink flowers in fall. 1½ ft.
- — **Atropurpurea.** Deep rosy crimson. — —**Brilliant.** Bright amaranth.

Solidago or Golden Rod. Planted in masses with blue and purple asters produce a beautiful autumn spectacle.



Scabiosa Caucasica. Large, pale lilac blue flowers on long stems; very fine for cutting. Each, 30c; dozen. 3.00

Spirea Palmata Rosea. Broad corymbs of rose colored flowers.

—**Ulmaria.** Double creamy white, 2 to 3 feet, June and July.

—**Variegata.** With variegated foliage.

Statice Latifolia. Sea Lavender. Large, spreading, graceful trusses of lilac-blue flowers, much prized for winter decoration dried. Each, 30c; dozen, 3.00

Stokesia. Cornflower Aster. Showy aster-like flowers, 4 to 5 inches across. 2 ft.

—**Cyanea.** Lavender blue.

—**Alba.** White.

Thalictrum. Meadow Rue. Finely cut, graceful foliage, resembling Maidenhair.

—**Adiantifolium.** White, 1½ feet, June.

—**Aquilegfolium.** White, 3 feet.

Tradescantia. Spiderwort. Long grass-like leaves and three petaled flowers.

—**Virginica.** Blue, 2 feet, all summer.

—**Alba.** White.

Tritoma. Red-hot Poker, Torch Lily or Flame Flower. Very brilliant and beautiful when used in bold groups among shrubbery. Prefer a light, sandy soil.

—**Hybrida Express.** Early flowering hybrids; June.

—**Pfitzeri.** Everblooming Flame Flower. Orange-scarlet, 3 feet, Aug to Oct.

—**Tucki.** Cerise, fading to primrose yellow, 1 foot, June

—**Uvaria Grandiflora.** Ochre red, 4 feet, August to October.

All Tritomas, each, 25c; dozen, 2 50

Tunica Saxifraga. Useful for rockeries; 4 inches high, June and July, light pink.

Valeriana Officinalis. Garden Heliotrope. Showy heads of pinkish white flowers in June and July, with a decided heliotrope odor; 3 to 4 feet.

Veronica. Speedwell. Flowers borne in long, compact spikes in July and Aug.

—**Amethystina.** 2 feet, amethyst blue. Beautiful with *Oenothera Youngi*.

—**Gentianoides.** Azure blue, 2 feet.

—**Incana.** 1 foot, amethyst blue, with silvery white foliage.

—**Longifolia Subsessilis.** Bright blue, on long spikes, fine for cutting; 2½ feet.

—**Repens.** A trailing variety, 5 inches high, May and June. Fine for rockeries.

—**Spicata.** 1½ feet; long spikes of bright blue flowers in July.

—**Virginica.** Blue, 4 feet.

—**Alba.** White, 4 feet.

Vinca Minor. Periwinkle or Myrtle. Deep green glossy foliage and blue flowers; 6 inches.

Yucca Filamentosa. Adam's Needle. Cream-white, drooping, bell-shaped flowers, rising on stout stalks to a height of 4 feet, from a whorl of broad, sword-

Each, .35

All Hardy Perennials, unless otherwise noted, each, 20c; dozen, 2.00



HARDY ORNAMENTAL SHRUBS

Shrubby has become an almost indispensable part in the planting of the home grounds, and justly so, for there is nothing that will add so to the value of a place or to its beauty as a few well selected and judiciously planted shrubs. There are locations which call for the planting of individual specimen shrubs, or they may be used in masses for borders and screen work, in forming groups and beds. The brilliant fruits of some varieties and the brightly colored bark of others help to relieve the monotony of winter.

We cater to the plant buyer who appreciates the value of quality. It requires little skill, less ground and but a layman's attention to grow the ordinary run of stock, and if you are seeking to buy nursery stock at the lowest possible price you must not expect to get the best quality. We prefer to handle stock grown for "quality" and allow "price" to arrange itself; not an exorbitant price, but only a fair return for what we sell you.

Aralia

—**Spinosa**. T. Hercules Club. Of luxurious, tropical aspect; large, compound leaves, huge panicles of creamy white flowers, and in autumn a wealth of dark purple berries disposed in numerous globe-like clusters.

Berberis or Barberry

—**Thunbergi**. D. Japanese Barberry. Incomparably the best plant for winter cheer on the home grounds, the foliage turning in fall to lovely carmine, russet red and flaming crimson, the slender branches strung with brilliant red berries which persist through the winter. Nothing in the winter landscape gives such an air of warmth and cosiness as these brilliant red berries against a background of snow; most other bright berries are picked off by birds, but these are never eaten.

Each, 50c, dozen, 5 00 Extra heavy, each, 75c, dozen, 7 50

Buddleia

—**Variabilis Veitchianus**. M. Summer Lilac or Butterfly Shrub. Bears long tapering spikes of minute, tubular, lilac colored flowers.

Cornus, or Dogwood

—**Siberica**. M. Siberian Red Osier. An upright shrub with bright, blood-red branches and numerous flat-topped clusters of creamy white flowers; fruit light blue or bluish white.

Cydonia

—**Japonica**. M. Japan Quince. The large, brilliant, scarlet-crimson flowers are among the first blossoms in spring, and they appear in great profusion.

Deutzia

—**Gracilis**. D. With slender branches of pure white flowers.

—**Hybrida Lemoiniei**. M. Entire plant covered with erect panicles of snow-white flowers.

Forsythia

As soon as winter has departed, the bright golden yellow, star-like flowers appear along the naked branches in a wealth of bloom.

—**Suspensa Fortunei**. M. The arching branches are more upright than those of the type, and covered with golden yellow blossoms.

All Shrubs, unless otherwise noted, heavy stock, each, 75c

**Hydrangea**

—**Arborescens Grandiflora**. M. This magnificent, perfectly hardy variety comes into bloom just after the passing of the early spring shrubs, flowering from June to August. The snow-white blooms are of large size.

—**Paniculata Grandiflora**. M. This is one of the finest hardy shrubs in cultivation. It flowers abundantly, bearing immense panicles of bloom, white at first, turning gradually to rose color, commencing in August, when very few shrubs are in bloom.

Ligustrum, or Privet

—**Ibota**. M. The dark green, rich foliage of the Privets makes them very effective. Ibota is a Japanese kind of great hardiness, excellent for northern hedges.

Lonicera, or Honeysuckle

The Bush Honeysuckles are among the finest of the shrubs. They are all strong growers, thriving well in any good soil. They are in every respect handsome ornaments to the grounds, whether planted as single specimen, in groups, as hedges, or among other shrubbery.

—**Tartarica Grandiflora Rosea**. T. Tartariad Honeysuckle. Pink flowers contrasting beautifully with the foliage; blooms in June.

—**Alba**. T. Creamy white flowers in May and June.

Lilacs

—**Rothomagensis**. Rouen Lilac. A distinct variety with reddish flowers; panicles are of great size and are very abundant; one of the finest. Each, .50

—**Vulgaris**. Common Lilac. Affords splendid material for a hedge; do not permit suckers to develop. Bluish purple. Each, .50

—**Alba**. Common White Lilac. Each, .50

—**Charles X**. Strong, rapid grower with large, rather loose flower trusses of fine rich purple with a red tint. Single. Each, .75

—**Jacques Calot**. Very large panicles of delicate rosy pink; single. Ea., 1.00

—**Michael Buchner**. Very large double, pale lilac blue; very fine. Each, .75

—**Mme. Casimir Perier**. Finest double white; the individual flowers as well as the truss are very large. Each, .75

—**Vestal**. Enormous trusses of large sized flowers of perfect shape, with reflexed lobes, pure white, the finest single flowered sort. Each, 1.00

Philadelphus, or Mock Orange

Among the grandest shrubs, those that add beauty, grace and perfume to our gardens, the Mock Oranges, or Syringas, stand high both in rank and favor. What pleasant memories are brought back when we smell the blossoms of this plant in early spring. It is a shrub that will always hold its place in popular esteem. They are such glorious hardy plants, with flowers so pure and white and fragrance so rich and sweet, that we unhesitatingly commend them to all.

—**Coronarius**. T. Upright, often arching branches, attaining a height of 8 to 10 feet. Flowers deliciously fragrant, borne in bewildering numbers transforming the branches into garlands of surpassing splendor.

All Shrubs, unless otherwise noted, heavy stock, each, 75c

**Prunus**

—**Triloba**. T. Flowering Plum. Flowers double pink or rose color, appearing just before the leaves unfold; very profuse and showy. Each, 1.00

Pyrus. or Flowering Crab

—**loensis var. Bechtel**. T. Bechtel's Double Flowering Crab. A small tree, covered in early spring with fragrant, delicate pink, double, rose-like flowers. 1.50

Rhus, or Sumac

—**Typhina Laciniata**. T. Fern-leaved Staghorn Sumac. One of the most tropical looking native shrubs we possess. The foliage is finely cut and as beautiful as a tree fern. It turns a golden yellow in the fall.

Spirea

Of all the garden shrubs, the Spireas have won and held a popularity for hardiness, showiness and free-flowering traits, that is unexcelled.

—**Bumalda, Froebeliana**. D. Improved Anthony Waterer, stronger and hardier. Flowers bright rosy crimson, displayed in large flat-topped clusters.

—**Opulifolia**. T. Nine Bark. A tall shrub with spreading branches; leaves bright green and lustrous, flowers whitish, disposed in numerous clusters along the branches. Valuable for shaded places.

—**Prunifolia**. M. The snow-white flowers in early May, like miniature roses, are very full and double. Graceful, spreading habit, but more upright than Spirea van Houttei. Leaves lustrous green, coloring in autumn a rich orange-red.

—**Van Houttei**. M. If you have need for but one spring-flowering shrub, plant Spirea Van Houttei. It is the grandest of all the white Spireas. A beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Clusters of 20 to 30 flat white florets make up the raceme, and are set close along the drooping stems.

Symphoricarpus, or Snowberry

For massing these shrubs are unsurpassed. They spread so rapidly from underground shoots that a few plants will produce a thicket in a short time.

—**Racemosus**. Large white berries. —**Vulgaris**. Red-berried.

Tamarix

Shrubs of strong but slender upright growth, clothed in foliage as light and feathery as that of asparagus. Delicate fringed flowers in shades of pink.

—**Amurense**. T. Silky pink tassels; very hardy.

Viburnum

—**Opulus**. T. High Bush Cranberry. Highly valued for the large clusters of brilliant red berries that cling all winter unmolested by birds.

—**Sterilis**. T. The old-fashioned Snowball.

Weigelia

Beautiful shrubs that bloom in June and July. Large trumpet-shaped flowers produced very lavishly.

—**Eva Rathke**. M. Beautiful, clear, brilliant crimson.

—**Rosea**. M. Rose colored; the most popular.

All Shrubs, unless otherwise noted, heavy stock, each, 75c



Hardy Garden Roses

The beauty of the Rose is so widely appreciated that the popularity it now enjoys is annually increasing. The varieties listed by us are offered with a view of supplying a collection which combines as varied a range of colors as can be brought together in a limited number of sorts. Many kinds have been omitted, not because they are of no value, but that the sorts listed are superior in size, hardiness, vigor, productiveness, or some other characteristic necessary to make a good garden rose. The plants which we offer are all extra heavy, 2-year-old stock, which will under ordinary conditions give a full crop of flowers the first season.

Planting. Roses planted in the spring, should be set out early, in a rich clay loam, and firmly pressed in with the foot.

Pruning. When newly setting out hardy bush roses, cut them back $\frac{1}{2}$ to $\frac{2}{3}$ and remove all feeble growth. The result will be strong plants and large flowers. Climbing roses require no pruning in the spring other than the cutting out of old or dead wood and the shortening of overlong canes. A severe pruning in midsummer, however, will encourage a vigorous growth of flowering wood for the next season.

Enemies. For aphid or plant lice, spray with Nicotine. An occasional application of a combined Bordeaux-Arsenate of Lead spray will usually keep them free of other insect pests and fungus diseases.

CLIMBING ROSES

—**Climbing American Beauty.** A cross between American Beauty and an unnamed seedling; color a rosy crimson, similar to its popular parent, and with the same exquisite fragrance, a quality rarely found in climbing roses. The plant is of strong habit of growth, making shoots of ten feet in a season. The flowers are three inches in diameter, of fine form, and are produced in great profusion in June, with a fair sprinkling of flowers throughout the growing season.

—**Dorothy Perkins.** Flowers are very double, of good size, and borne in clusters of ten to twenty, the clusters being borne in racemes of three to five. The color is a clear shell pink and holds a long time without fading; very sweet scented.

—**Excelsa.** The finest of all Crimson Ramblers. Vigorous in growth, with healthy dark glossy green foliage. The flowers are very double, produced in large trusses of twenty to thirty. The color is intense crimson-maroon, the tips of the petals shaded scarlet. The individual flowers are very large for a climbing rose, and the foliage is mildew-proof.

—**Tausendschoen.** The flowers appear in large clusters from the beginning of June till the end of July. Each individual flower measures about 2 inches across and is of a beautiful soft pink, later changing to rose-carmine. The plant is of strong vigorous growth, absolutely hardy and a most excellent variety to plant wherever a strong climber is desired. Very agreeable as it is nearly thornless.

All Climbing Roses, each, .75



DWARF OR BUSH ROSES

—**American Beauty.** Flowers are very large, very double, and of beautiful form color a rich deep rose, shaded carmine-crimson towards the center.

—**Frau Karl Druschki.** Also known as White American Beauty and Snow Queen. The grandest white hardy rose. Produces very freely flowers of exceptionally large size, very full and double, purest snow white. It forms a beautiful long shaped bud.

—**Gruss an Teplitz.** The reddest of all red roses; of richest scarlet, shading to velvety crimson. Very fragrant, a most profuse bloomer. The foliage is very beautiful, all the younger growth being of a bronzy plum color.

—**Jonkheer J. L. Mock.** This beautiful rose has quickly found a place among our best bedding roses. The flowers are of a clear, deep, imperial pink, reverse of petals rosy silvery-white. They are of magnificent size and form, produced freely on stiff, erect canes; sweet scented.

—**Killarney.** Vigorous in growth and as free flowering as any rose we know. In color it is a brilliant, satiny, soft pink; the flowers are large, the buds long and pointed.

—**Los Angeles.** We quote from the originator's description: "The growth is very vigorous, and produces a continuous succession of long stemmed flowers of a luminous flame-pink, toned with coral and shaded with translucent gold at the base of petals. The buds are long and pointed, and expand into a flower of mammoth proportions, while the beauty of form and ever increasing wealth of color is maintained from the incipient bud until the petals drop". Each,

—**Mrs. Charles Russell.** The foliage is heavy and leathery, and mildew proof. The bud is fully as large as American Beauty, but longer and pointed, and opens into a flower of unusual beauty. The color is a bright rose pink, deeper in the center.

—**Mrs. Aaron Ward.** This beautiful rose changes in color as the flower expands; the opening bud is a deep coppery orange, changing when partly developed to golden orange in the center, while the edges of the petals, which recurve in a most graceful way, are creamy white; the combination is very striking and beautiful. When fully open, it is an exquisite shade of pinkish fawn. It is a strong grower with healthy, dark, glossy green foliage.

RUGOSA ROSES

In ornamental shrubs there is nothing quite so desirable or which has so many good qualities as the Rugosa Roses. They should not be planted in the rose garden, but freely in the shrubbery, about the base of the house, in groups on the lawn, and for an untrimmed hedge they are unsurpassed. They grow from three to five feet high, depending upon the soil, are of a bushy, spreading habit, and the foliage is luxuriant, rich, and beautiful throughout the season, and is never touched by insects or disease. The beautiful, large flowers are freely produced, and are followed by clusters of large, bright red rose-apples, which are most effective and last until hard freezing weather sets in. They are absolutely hardy, root, top and branch.

—**Conrad F Meyer.** Clear silvery rose, very large and fragrant; double.

—**Nova Zembla.** Flesh white, very large, very full; fragrant.

All Bush Roses, except Los Angeles, each, 85c; Los Angeles, each, 1.25



HARDY ORNAMENTAL CLIMBING VINES

There is no other class of plants that possesses quite so much grace and poetry as pretty trailing or climbing vines. It has been truly said that they are Nature's drapery. They add beauty and attractiveness to the plainest of dwellings, tone down the stiff, bold angles of new buildings, and should be lavishly trained over windows, porches, and porticos, or wherever they will add finish and effect. Boston Ivy clings firmly to the smoothest surface; in autumn the leaves assume the most beautiful tints of scarlet and crimson. Virginia Creeper is splendid for covering trees, arbors and trellises, and it also colors attractively in fall. Bignonia or Trumpet Vine has rich, deep green foliage and large trumpet-shaped, orange-scarlet flowers. The Bitter Sweet is all aglow with long clusters of orange berries. Beautiful are, Clematis Jackmani with rich, velvety purple flowers, and Clematis Paniculata with pure white, starry flowers of most delicious fragrance, borne in immense sheets.

Ampelopsis

—**Engelmanni.** Engelman's Ivy. One of the hardiest, best and quickest growing climbers. Quite similar to the Virginia Creeper, but vastly superior to it, the foliage being of greater substance and almost perfectly free from insects. The leaves color up beautifully in the fall.

—**Quinquefolia.** Virginia Creeper or Woodbine. One of the most widely known climbers; luxuriant foliage.

—**Veitchi.** Boston Ivy. A very attractive climbing vine with glossy ivy leaves, closely overlapping. The tendrils cling firmly to the smoothest surface. In autumn the leaves assume the most beautiful tints of scarlet and crimson

All Ampelopsis, each. 50

Clematis

The most beautiful class of flowering climbers. For covering verandas, trellises, pillars, etc., there is nothing to compare with the Clematis in splendor of bloom. Plant in good garden soil, dug very deeply, placing the crown 2 inches below the surface. Apply well rotted manure in post holes bored 12 inches away from the plant in opposite directions. The roots reach out to these holes, which may be watered freely, with less danger of the roots rotting. We are careful to send out only perfectly healthy stock, and cannot entertain any complaints on account of non-success with this class of plants.

—**Jackmani.** Rich deep velvety purple. Two year, each, .75

—**Paniculata.** Of rapid growth with small, dense, glossy green foliage. Flowers are pure white, borne in immense sheets, of most delicious fragrance. 3 yr. .75

Honeysuckle

—**Halleana.** Flowers yellowish white, freely produced, fragrant. Each, .50

—**Scarlet Trumpet.** Coral-red, trumpet-shaped, inodorous flowers. Each, .50

Matrimony Vine

A very ornamental shrubby climber, which, because of its ability to adapt itself to all conditions, has appropriately been called the general utility vine. Has small purple flowers followed by scarlet berries. Each, 35c; dozen, 3.50

Wistaria

—**Sinensis.** Presents a magnificent appearance, with its pendulous clusters of pale blue. Each, 50c; dozen, 5.00



DECIDUOUS ORNAMENTAL TREES

All the trees that we offer have been grown with care, to make them straight, stocky, well headed, and supplied with an abundance of fibrous roots; good roots mean insurance against failure.

Prices will be quoted on any desired size. Cost of baling and casing charged extra.

Arrangement is alphabetical by scientific names.

Acer - Maple

The Maples are perhaps more largely planted than any other family of trees. They are very ornamental, regular in outline, and beautiful in foliage.

—**Platanoides**. Norway Maple. Large, handsome tree of spreading, rounded form, with broad, deep green, shining foliage.

—**Saccharinum**. Sugar or Rock Maple. Its stately growth, fine pyramidal form, and the magnificent coloring of its foliage in autumn make it desirable as an ornamental and shade tree. Fine for avenue planting.

AEsculus - Horse-chestnut

—**Hippocastanum**. White flowering Horse-chestnut.

Betula - Birch

—**Alba**. European White Birch. Elegant, graceful form, with slender branches, light and airy foliage, and silvery bark. After a few years, assumes a graceful, drooping habit, adding greatly to its beauty.

Catalpa

—**Speciosa**. Large, heart-shaped, downy leaves, and compound panicles white flowers.

Fraxinus - Ash

—**Americana**. American White Ash. Well suited for sidewalk or lawn planting. Grows to large open proportions.

Juglans - Walnut

—**Nigra**. Black Walnut. Makes a fine spreading ornamental tree.

Morus - Mulberry

—**Tartarica**. Russian. Hardy and vigorous; fruit small.

Pyrus Sorbus - Mountain Ash

—**Aucuparia**. European Mountain Ash. The clusters of bright berries on this tree always claim attention.

—**Quercifolia**. Oak-leaved Mountain Ash.

Tilia - Linden

—**Americana**. American Linden or Basswood. A rapid growing, beautiful tree, with very large leaves and fragrant flowers.

Ulmus - Elm

—**Americana**. American White Elm. A noble native tree of large size, wide-spreading head, and graceful drooping branches. The grandest park and street

Small Trees, such as Prunus and Flowering Crab, will be found listed under shrubs.

SMALL FRUITS

Until you have entered on the culture of berries and other small fruits, you have no idea of the joy and profit these bring to the amateur gardener. They are as easily grown as vegetables and on city and suburban lots should always be given preference over tree fruits.

Currants

- Perfection.** Beautiful bright red, large berries, long clusters, rich, mild, with few seeds; a great yielder. Two year, each, .50
- White Grape.** Very large yellowish white of excellent quality. Each, .45
- Wilder.** Large brilliant red, fine quality; great yielder over long period. .45

Blackberries

- Mersereau.** A large jet black of fine quality. Each, 15c, dozen, 1 50

Gooseberries

- Pearl.** Light yellowish green of high quality; mildew resistant, and the most prolific variety. Two year, each, .45

Grapes

- Brighton.** Bunches large. dark red. Barren if grown alone, but grown along Worden will produce heavily
- Niagara.** Greenish white; both bunch and berries are large Should be left on the vines until dead ripe to bring out its best flavor.
- Worden.** A seedling of Concord, of better quality. Comes two weeks earlier, and gets sweet almost as soon as it turns color. Any variety, two year. each, .45

Raspberries

- Early King.** Earliest, most productive, hardiest: bright red. Ea. 10c, doz. 1 00
- St. Regis.** Everbearing. Raspberries for four months! After its spring fruiting it continues to bear berries on the tips of the young shoots all summer and fall, the heaviest pickings coming in August. after the young shoots mature. Berries medium to large, deep crimson, of rich flavor. Each, 15c, dozen, 1.25

Strawberries

- Gibson.** This wonderful variety is destined to displace that favorite Senator Dunlap. It bears heavily, fruits over a long period, and produces large, perfect, well-shaped, rich dark red berries, which are firm, richly flavored, juicy, and just fine for canning or preserving. Dozen, 25c, 100, 1.50
- Everbearing.** To obtain the largest size and best quality of fruit in the fall, cut off all buds as they appear until late in July. Thus an abundant crop will result in September, October, and later if freezing weather holds off An almost continuous, though less heavy, crop throughout summer and fall may be had by discontinuing the disbudding of part of the plants late in June
- Progressive.** The most vigorous and productive of the Everbearing type. The fruit is medium to large, dark red, of fine flavor. Dozen, 40c. 100 2 50



W. E. DALLWIG

34-Juneau Ave. MILWAUKEE



GARDEN TOOLS AND SUNDRIES

Prices do not include postage

Boxes—Illinois Self-Watering. (Fig. 1) Neat, convenient, practical; reservoir supplies moisture for ten days by means of sponges inserted in false bottom.

—**Window Boxes.** 8 inches deep, 9½ in. wide, except No. 0. 6 in. deep, 6 in. wide. No. 0, 16 in. long, 2.00 No. 1, 23 in. 2.50 No. 2, 25 in. 2.70 No. 3, 27 in. 2.90

Dibber. (Fig. 2) For transplanting seedling plants; steel point. Each 55c.

Duster—Slug Shot. (Fig. 3) Perforated bottom, holds half gallon. Each 50c.

—**Corona Hand Duster.** Each 2.50

—**Legget's Little Giant.** Dusts 2 rows at a time with any dry powder. Each 11.50

Fertilizer—Bone Meal. 1 part to 50 parts soil; 3 to 5 pounds per 100 square feet. 5lb 40c 10lb 75c 25lb 1.50 50lb 2.95 100lb 5.00 500lb 22.50 cartage extra.

—**Sheep Manure.** Promotes rapid growth; excellent for lawns; 5lb per 100 sq. ft. 5lb 35c 25lb 1.40 50lb 2.60 100lb 4.50 500lb 21.25 cartage extra.

—**Nitro-Fertile.** A well balanced plant food for gardens, lawns and house plants—odorless, easy to apply; a tablespoonful to a gallon of water. Cannot mail. ½ pint 35c; pint 60c; quart 1.00; ½ gallon 1.75; gallon 3.00

—**Japanese Palm Food.** For palms, ferns and other foliage plants. Package, 25c.

—**Stim-U-Plant.** Plant food in tablet form. Trial size, 10 tablets, 15c 30 tablets, 25c.

Forks—Cruso. (Fig. 4) Malleable iron, length 9 inches. Each 10c.

—**Revenoc.** (Fig. 5) Cast steel, tinned; 10½ inches long, prongs 4½ in. Each 20c.

—**Gem.** (Fig. 7) Three 6 inch tines, made of high quality steel. Each 50c.

—**Spading.** (Fig. 22) Four tines, strap ferrule, very best grade. Each 1.50

Grafting Wax. ¼ lb bar 15c, ½ lb bar 25c, 1lb bar 40c.

Grass Hooks. (Fig. 6) Forged tool steel carefully tempered. Each 50c.

Hoes—Onion and Nursery. (Fig. 9) Cast steel blade, 7½ inch wide. Each 1.00

—**Warren.** (Fig. 8) Best garden hoe made; 7½ inch blade, cast steel. Each 1.00

—**Weed.** 2 spear shaped prongs, 65c. —**Boys'** 6 inch blade, 4½ ft. handle, 65c.

Insecticides and Fungicides. Liquid insecticides cannot be sent by mail.

—**Arsenate of Lead.** Dry powdered. 1½ lb to 50 gallons. ½ lb 40c, 1lb 70c, 5lb 3.25

—**Bordo.** Dry powdered. 1lb 50c, 5lb 2.00 10lb 3.50

—**Black Leaf 40.** 40 per cent nicotine. 1 ounce bottle 25c, ½ lb 1.00 2lb 3.25

—**Pyrox.** Combined insecticide and fungicide. 1lb 40c, 5lb 1.75, 10lb 3.00

—**Mag-O-Tite.** A real root maggot remedy. 2lb package 35c, 4lb package 60c, 8lb package 1.00

—**Sulpho-Tobacco Soap.** 3 ounce cake 15c; 8 ounce cake 25c

—**Tobacco Dust.** Pound 20c

—**Dusting Sulphur.** Pound 20c

—**Lime-Sulfur.** Gallon 1.15

—**Slug Shot.** 1lb carton 20c; 5lb package 75c; 10lb package 1.30; 100lb 11.00

—**Tree Tanglefoot.** 1lb can 50c; 3lb can 1.45; 10lb can 4.50

Knives—Asparagus. (Fig. 13) Each 50c.

Labels—Tree. 3½ inch, copper wired, per 100 40c, per 1000 2.15

—**Pot.** (Fig. 10) Prices are per 100 and per 1000. 4 inch 25c—1.45; 5 inch 30c—1.90; 6 inch 40c—2.25; 8 inch 75c—5.50; 10 inch 90c—6.50; 12 inch 1.00—9.00

Match Sticks. For staking small plants; painted green; 18 inch, per 100 50c.

Nitragin. For inoculating beans and peas. Garden size, 40c.

Plant Protectors. To keep root maggots from cabbage and cauliflower plants. Dozen, 10c; per 100, 50c.

Peony Supports. (Fig. 14) Made of heavy galvanized iron. Each 50c.

Pots. Clay or paper; (Fig 12) all sizes from 2 inch up. Write for prices.

Raffia. (Fig. 19) Best tying material. Finest florists' grade. Market price.



Pyrox
REG. U. S. PAT. OFF.
TRADE MARK REGISTERED

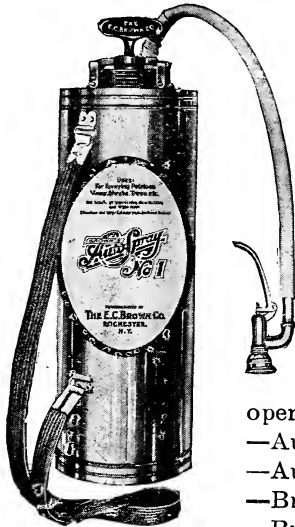


Continued on inside back cover



Spray Pumps

The matter of spraying is each year becoming of greater importance. It is no longer an open question whether spraying is profitable, but on the contrary, the overwhelming evidence of past years does prove beyond a doubt that planters cannot afford to neglect this way of protecting their crops and trees.

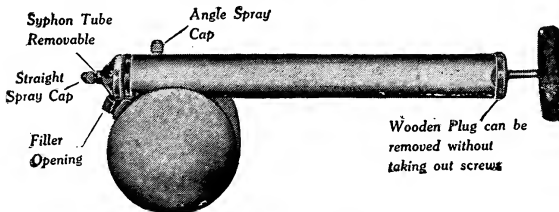
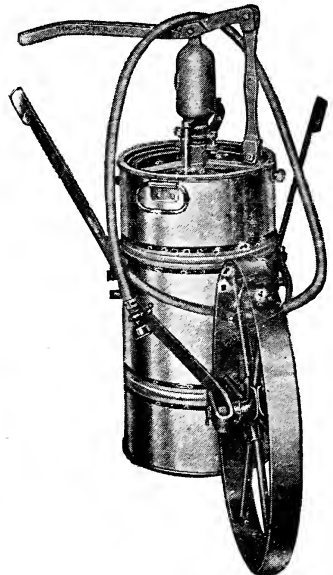


AUTO-SPRAY NO. 1. Solution tank, of galvanized steel or heavy sheet brass, holds about four gallons. A brass air pump is located inside the tank protected from injury and is provided with cam locking device which closes the filler opening air tight with a half turn of the wrist. Has CLOG PROOF nozzle and an automatic shut-off device, which saves solution and operates without fatigue.

- Auto-Spray No. 1-B. Brass Tank.....\$10.50
- Auto-Spray No. 1-D. Galvanized Tank..... 7.50
- Brass Elbow..... .35
- Brass 2-ft. Extension..... .70

AUTO-SPRAY NO. 40. Very durable hand pump sprayer for general use. The displacement type pump, packed on the outside with graphite packing, will generate from 150 to 170 pounds pressure to the square inch. Tank galvanized steel, capacity 12 gallons; plunger brass, 1½ inch in diameter; valves brass ball; suction pipe fitted with brass strainer; agitation mechanical and effective. Equipment 8 feet high pressure ⅝ inch hose, lever shut-off, and latest pattern screen nozzle.

- No. 40-D. Mounted on truck, 20 in. wheel.\$20 00
- Iron Extension. 8 feet..... 1 50



Auto-Spray No. 25

Auto-Spray No. 40

AUTO-SPRAY NO. 25. Operates continuously on both the up and down stroke, throwing a fine, steady mist with no interruption. Is equipped with two spray caps, one for straight and one for angle spraying. Syphon tube is removable for cleaning. Holds one quart.

- No. 25-B. Galvanized tank.....\$1.50
- No. 25-C. Brass tank..... 1.75

Rakes—Steel Bow Garden. 14 teeth. Each 75c.
—Lawn. (Fig. 15) 24 teeth tinned, reversible. Each 65c.
—Ole Olson. (Fig. 16) Seasoned, straight grained hardwood, oil finished. 75c
—Gem Dandelion. (Fig. 17) The fine blade-like teeth of sheet steel lie flat on the ground and cut the dandelion buds and blossoms off clean; cannot tear the sod. Self-cleaning; stripper operated by wire on handle. 16 inch, for dandelions only, 1.75; 24 inch, with sheet metal back for leaves, 2.50
Rollers—Dunham Water-Weight Lawn. (Fig. 29) Style W B with "No-Tip" handle lock and scraper: No. 5, weight empty 85 lbs., filled with water 300 lbs., 13.00; No. 7, empty 110 lbs., filled 500 lbs., 17.00
Shears. (Fig. 28) California, 9 inch 1.00
—Hedge. (Fig. 18) Notched near rivet to cut small branches, 9 inch. Each 2.75
Sprinkler. Scollay's Rubber. (Fig. 23) Large size, each 1.35
Stakes—Cane. 6 to 8 feet, dozen 35c, 50 for 1.00, 100 for 1.75
—Japanese Green Bamboo. 2½ feet, dozen 25c, 25 for 45c, 50 for 80c, 100 for 1.40 3 feet, dozen 30c, 25 55c, 50 90c, 100 1.70; 4 feet, 12 35c, 25 65c, 50 1.20, 100 2.00
—Square Green Wood Stakes. (Fig. 25) 2½ feet, dozen 60c, 100 4.00; 3 feet, dozen 90c, 100 7.00; 4 feet, dozen 1.20, 100 9.50; 5 feet, dozen 1.80, 100 14.00; 6 feet, dozen 2.25, 100 16.00.
Tree Pruner. (Fig. 24) Length pole, 6 ft. 1.35; 8 ft. 1.45; 10 ft. 1.65; 12 ft. 1.75
Trellis. Made entirely of wood and ratan, will not burn vines as where metal is used; painted dark green Fan, (Fig. 26) 6 feet high, top 38 inches wide, 2.50 Lattice, Fig. 27, 6 feet high, 18 inches wide, each 2.50
Trowels—Cruso. (Fig. 32) 6 inch, one-piece steel blade, steel ferrule. Each 25c.
—O. V. D. Highly tempered carbon steel, hand forged, 6 inch blade. Each 85c.
—No. 2. 6 inch, forged from one piece of steel. Each 65c.
—Transplanting. Blade narrow and deeply curved, use as trowel or dibber 20c.
Tubs. (Fig. 35) Measurement given is inside top diameter. 10 inch 95c, 12 inch 1.30, 14 inch 1.75, 16 inch 2.25, 18 inch 2.85
Turf Edger—American. Each 1.00.
Weeders—Combination. (Fig. 37) Each 25c **—Excelsior.** (Fig. 36) Each 15c.
—Eureka. (Fig. 33) Each 50c **Lang's.** (Fig. 34) Each 25c.
—Gilson. 5 foot handle. 5-prong, 1.25; 7-prong, 1.55
—Gilson Wheel Outfit No. 1. 3.35
—Norcross. (Fig. 30) 5-prong, 4 foot handle, 1.25; 3-prong, 4 foot handle, 1.00
—Norcross Midget. 9-inch handle. Each 50c.

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